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Catalogue of
Seeds · Plants · Bulbs
Poultry · Supplies



J. F. NOLL & CO.

SEEDSMEN

115 Mulberry Street NEWARK, N. J.

Cultural Instructions for Vegetable Seeds

ASPARAGUS SEED. One ounce will sow 75 feet of drill. Sow during April and May. It takes from four to five years to produce a crop of Asparagus from seed.

ASPARAGUS ROOTS. Set out in April in soil well drained. Set the plants from 12 to 18 inches apart in the row and keep the rows from three to five feet apart. Use precaution to spread the roots well when planting. Dig trenches about 15 inches wide and about 18 inches deep. Put in about six inches of manure and cover with two inches of soil, so the roots do not come in contact with the manure. Keep the bed free from weeds until the shoots appear, when they can be worked with a cultivator.

BEANS—DWARF VARIETIES. One quart will sow 100 feet of drill; one bush, to the acre. Sow beans from the first of May until September. Plant in rows from 18 to 24 inches apart. Sow the seed two inches deep and two inches apart in the rows. Plant in soil well manured.

BEANS—POLE VARIETIES. One quart sows 125 hills; 10 to 15 quarts per acre. Sow in hills three feet apart, five or six beans to a hill, two inches deep. Use well-rotted manure. Use poles about eight feet long. Pole Beans succeed best in a sandy loam. Sow in May for an early crop, June for late crop.

BEEF. Two ounces to 100 feet of drill. Sow in drills twelve inches apart and two inches deep. They do best in light soil well manured. After the plants attain three or four leaves, transplant five or six inches apart.

BRUSSELS SPROUTS. Sow in drills in April or May and transplant about two feet apart. Cultivate same as Cabbage.

CABBAGE. One ounce will produce 2,000 plants. For early Cabbage sow in February. Transplant into boxes three inches deep and two inches apart when they attain their fourth leaf. Plant in the open by the first of April. For late Cabbage sow the seed in June. Have the soil well manured.

CARROTS. One ounce will sow 100 feet of drill; three to four pounds per acre. For an early crop sow as soon as the ground can be worked outdoors. Sow in drills about 18 inches apart and thin them out about four inches between the plants. Carrots do best in sandy loam well manured.

CAULIFLOWER. One ounce produces 1,000 plants. Treat the same as Cabbage. Plant from 16 to 20 inches apart and in rows from 20 to 30 inches apart.

CELERY. One ounce will produce about 2,500 plants. Sow the seed outside as soon as the ground can be cultivated. Sow in drills about two inches deep, and firm the seed in the soil. When ready to transplant, place six inches apart in the rows and keep the rows four feet apart. Keep the rows well weeded, as this is essential to the proper development of Celery. Start to bank the Celery about September for the purpose of bleaching; use a spade to do so.

CELERIAC. Sow the same as Celery. When ready to transplant place it six inches apart in the rows and keep the rows about one and a half feet apart. For Winter use cover over with leaves or straw.

CHERVIL. Sow the seed from early Spring to the latter part of August. Sow in rows 10 or 12 inches apart and thin out to five inches apart in the row.

CORN SALAD. Sow in drills one foot apart in early Spring. It will be ready for use in about six weeks. Sow in September for an early Spring crop and cover to protect it from frost.

CORN, SWEET OR SUGAR. One quart will sow 150 hills. Eight quarts to the acre in hills. Sow about the middle of May in rows about four feet apart and eight to ten inches apart in the row. If sown in hills, keep the hills three to four feet apart each way. Successional sowings can be made every two or three weeks.

CUCUMBER. One ounce plants 50 hills. Cucumber can be sown from May 15 to July 15. Have the soil well manured. Sow in hills four feet apart, put eight to ten seeds to a hill. When the plants attain their third or fourth leaf, thin out to four plants to each hill. Cucumbers are subject to insects and are usually attacked as soon as the plants appear. Great care should be taken not to let the insects get a lead as they destroy the crop in a very short time.

DANDELION. Sow in early Spring. Keep the rows 15 inches apart and when the plants are well started thin out to 10 inches between the plants.

EGG PLANT. One ounce will produce from 500 to 700 plants. Sow the seed in hotbeds during March and April, and when about two inches high plant in 3-inch pots. Set out in June about three feet apart in soil well manured.

ENDIVE. Sow about the middle of April for an early supply. For main crop sow in June and July and transplant one foot apart each way. When of sufficient size tie with raffia to bleach.

KOHL RABI. One ounce produces about 3,000 plants. Sow the seed same time as Cabbage and when about four inches high, transplant about 10 inches apart.

KALE. One ounce will sow 100 feet of drill. For an early Spring crop sow about August and transplant two feet apart. For a Fall crop sow in June and transplant.

LEEK. One ounce to 100 feet of drill. Sow in the Spring as soon as the ground can be cultivated. When about six inches high transplant in rows about eight inches apart.

LETTUCE. One ounce will produce about 2,000 plants. Lettuce is generally sown about March 1 in hotbeds and when about three inches tall, transplanted into boxes about three inches deep and hardened off, after which they are set in the open ground as soon as the ground can be cultivated. For late sowings, sow from April to August. Keep the soil well cultivated.

MELON, WATER. One ounce to 25 hills. Watermelon requires a good sandy loam. Sow about May, putting eight seeds to a hill, keeping the hills eight feet apart each way. When the plants attain their fourth leaf thin out to two or three plants to each hill.

MELON, MUSK. One ounce will sow 50 hills. Cultivate same as Watermelon, keeping the hills five feet apart each way.

OKRA. One ounce produces about 250 plants. Sow middle of May in drills about two inches deep. Thin out from two to three inches apart in the row.

ONION. One ounce will sow 75 feet of drill. Onions delight in a heavy soil. Have the ground heavily manured and finely cultivated before sowing. Sow in drills about 15 inches apart. Weeding is very essential to raising onions and precautions should be taken not to let the weeds gain any headway. When about five inches tall thin out to two inches between the plants.

PARSNIP. One ounce will sow 150 feet of drill. Sow in drills about one and a half feet apart. When the plants are well advanced, thin out to six inches apart in the rows.

PARSLEY. One ounce will sow 100 feet of drill. Sow early in Spring in drills about one foot apart and half-inch deep. The seed of parsley is slow to germinate, taking from three to six weeks.

PEAS. One quart sows 100 feet of drill. Early smooth varieties can be sown as soon as the frost is out of the ground. Sow in rows three feet apart and three inches deep. Wrinkled varieties can be sown as soon as the cold and wet weather has vanished. Sowings can be made up to the 15th of August.

PEPPER. One ounce will produce 500 plants. Sow same time as Egg-Plant. When setting out keep the plants from two to three feet apart. Plant in soil well manured.

PUMPKIN. One ounce plants 25 hills. Sow about May in hills six feet apart. Have the soil heavily manured.

RADISH. One ounce will sow 100 feet of drill. Sow about March 15 in rich sandy loam. For early Radishes sow in a hotbed during February. Sowings can be made up to September.

RUTA BAGA. Sow from May 15 to June 15. Sow in rows two feet apart and thin out to 12 inches apart in the rows. Use well-rotted manure when preparing the soil.

SALSIFY. One ounce to 50 feet of drill. Sow in rows 18 inches apart and about one and one-half inches deep. Thin out to six inches apart in the rows.

SORREL. Sow in rows about 12 inches apart. Sow thinly.

SPINACH. One ounce to 100 feet of drill. Sow in drills 15 inches apart during April and continue up to September. Sow in good soil.

SQUASH. One ounce to 25 hills. Same culture as for Pumpkins.

SWISS CHARD. Sow in April or May in drills about 15 inches apart and thin out to 10 inches apart in the rows.

TOMATO. One ounce will produce 1,000 plants. Sow during March in hotbeds. When plants are three inches high transplant in boxes three inches deep. Plants can be set outdoors about May 15. Rich soil is not required for Tomatoes.

TURNIP. One ounce will sow 100 feet of drill. For main crop sow in August. Turnips can be sown broadcast or in drills. For early varieties sow in April in drills about 12 inches apart and thin out to six inches apart in the drills.

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How to Order, Etc.

Order Early. It will greatly facilitate shipments if orders are sent in **early**. We aim to send off all orders the same or next day after receipt, but during the rush season this is impossible—hence the advisability of ordering **early**.

Forwarding. We deliver, postage paid, to any post office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, at catalogue prices, except where otherwise noted; but it will be much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in any quantity.

Remittances should be made either in the form of an **Express Money Order, P. O. Money Order, Bank Draft or Registered Letter.**

Goods wanted C. O. D. must have 20 per cent. of the amount accompany the order.

Give full Shipping Instructions on each and every order you send.

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By writing out your order on the Order Sheet which accompanies this Catalogue, you will greatly facilitate our work. Extra order sheets mailed on application.

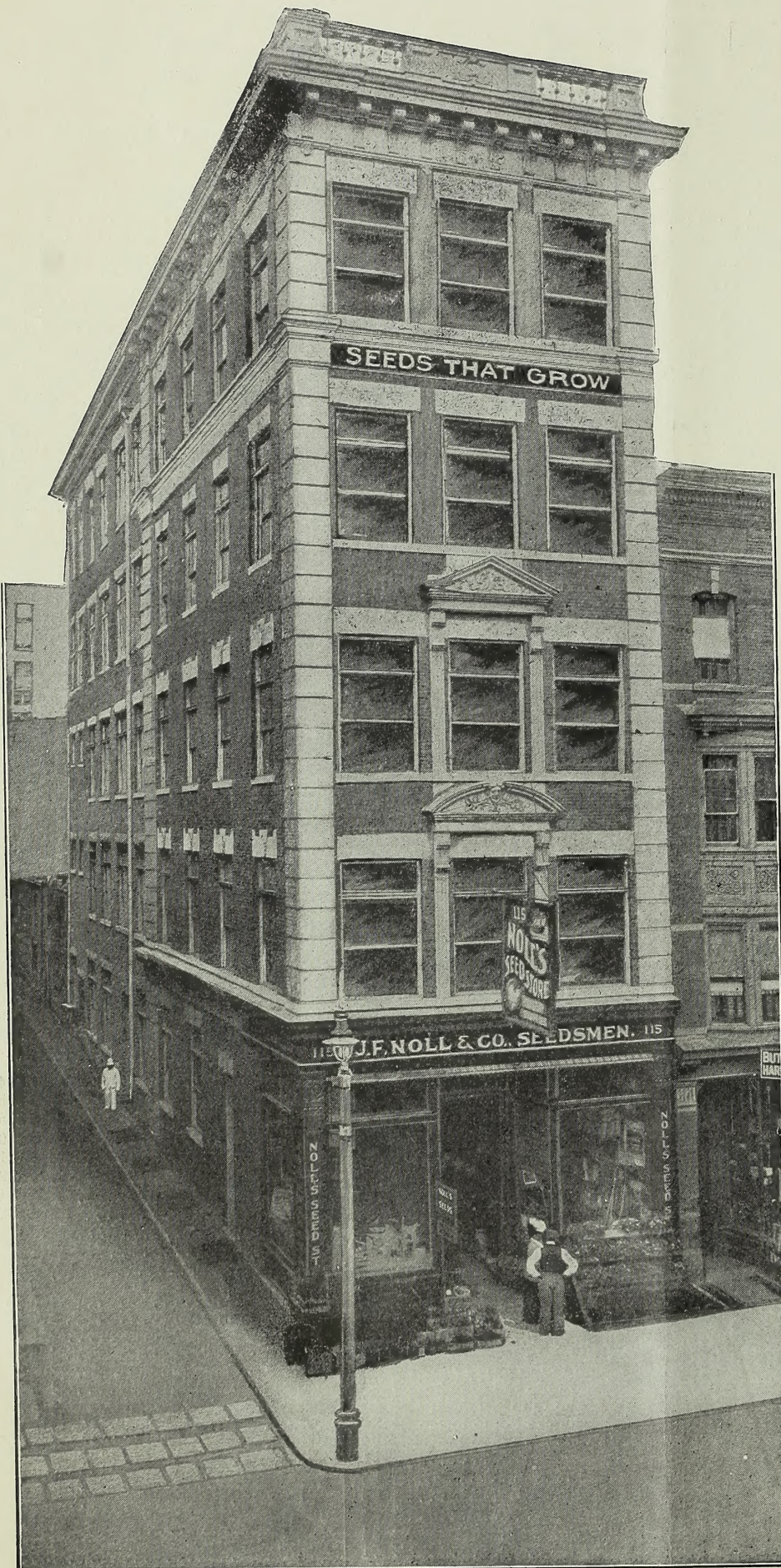
Be sure to sign your name and give your address. Many orders reach us lacking one or both; customers when writing about unsigned orders will aid us in identification by mentioning some of the articles ordered.

Every order is filled immediately on arrival, or is acknowledged, if, under rare circumstances, its shipment is likely to be delayed for a day or two. If goods or acknowledgment of order is not received by the customer after a reasonable lapse of time, it may be assumed that the order has miscarried, or that the name or address was omitted from the order. We will, when notified of such a case, use our best efforts to trace it promptly.

We make no charge for cartage or delivery of goods to any railroad station, steamship line or express office in Newark.

Cloth Bags only we charge for, and these at cost.

J. F. NOLL & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. **If the purchaser does not accept the goods on these terms,** they are to be returned at once.



NOLL'S BUILDING, STORE AND WAREHOUSE



NOLL'S SUPERIOR

VEGETABLE SEEDS

WE DELIVER FREE in the U. S.
 (To any Post Office, Railroad Express Office or Freight Station, at our option)

Vegetable Seeds, Flower Seeds, Bulbs,
Except where otherwise noted.

PURCHASER PAYS TRANSIT CHARGES *only on pints, quarts, pecks, bushels and barrels, and on Farm Seeds, Tools, Implements, Insecticides, etc.*

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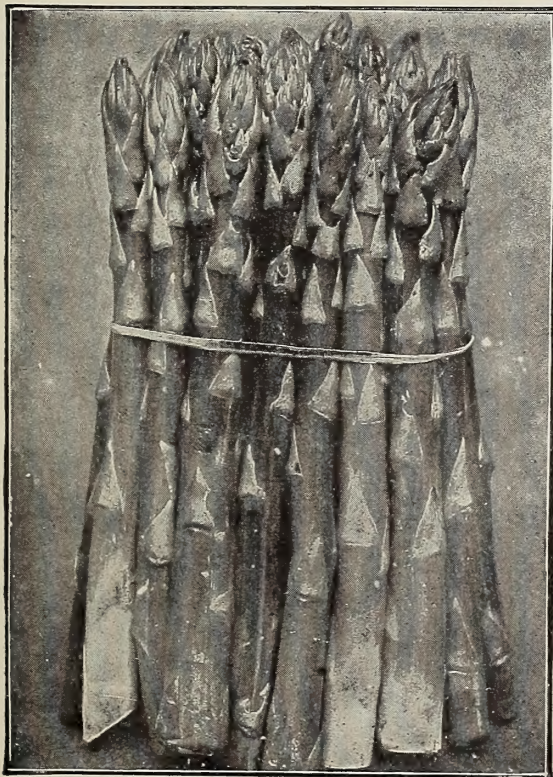
Jerusalem Tubers. (*Buyer paying transit.*) Qt. 25c., pk. \$1.25, bush. \$4.00.

Large Globe Seed. The standard sort..... Pkt. Oz. ¼ lb. \$0 10 \$0 35 \$1 00

EARLY FRENCH GIANT ASPARAGUS

A GREAT MARKET AND EXHIBITION VARIETY

This new sort is a great improvement on the popular Palmetto or French Argenteuil Asparagus, which was first brought to this country by Mr. John Nix, the largest asparagus grower of South Carolina. The roots were imported from Mr. Louis Lérault de Argenteuil, of France, and have proven this new asparagus to be not only 10 days earlier than Palmetto, but of larger size and superior in flavor and color. In New York market it sold for \$5.00 per dozen, while other varieties only brought \$1.50 to \$2.00 per dozen. It is by far the most promising asparagus, as a money-maker, that can be grown. Our seed and roots are from the original importation that has attracted so much attention and sold so high in New York. **Prices of seed: Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.** Two-year-old roots, \$1.50 per 100, \$8.00 per 1000, by freight or express. (500 roots at 1000 rate.)



EARLY FRENCH GIANT ASPARAGUS

ASPARAGUS SEEDS

One ounce to 60 feet of drill.

	Pkt.	Oz.	¼ lb.	Lb.
Barr's Philadelphia Mammoth. One of the largest and most productive.....	\$0 05	\$0 10	\$0 20	\$0 60
Colossal. A standard variety; fine quality.....	05	10	15	50
Columbian Mammoth White. A variety producing large white shoots.....	05	10	20	60
Palmetto. Early, prolific and of uniformly large size.	05	10	15	50

ASPARAGUS ROOTS

(For free delivery in U. S. add to prices, 35c. per 100 to two-year-old roots; 75c. per 100 to three-year-old.)

Barr's Philadelphia Mammoth. Two-year-old roots (<i>buyer paying transit</i>), \$1.50 per 100; \$8.00 per 1000.
Colossal. Two-year-old roots (<i>buyer paying transit</i>), \$1.50 per 100; \$8.00 per 1000.
Columbian Mammoth White. Two-year-old roots (<i>buyer paying transit</i>), \$1.50 per 100; \$8.00 per 1000.
Palmetto. Two-year-old roots. \$1.50 per 100; \$8.00 per 1000.

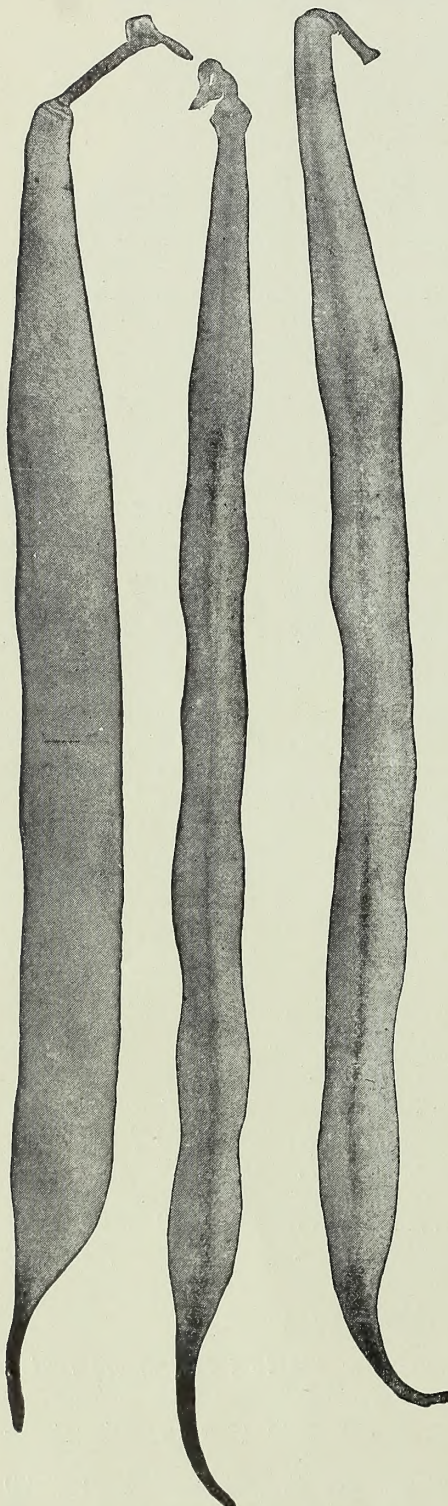
BEANS—Dwarf or Bush Green-Podded Varieties

One quart to 100 feet of drill

NOLL'S SELECTED STRAIN King of the Early Round Green Bean

Positively the earliest and hardiest
of all the green varieties. Earlier
than the Red Valentine Bean.

This variety can be planted fully a week earlier than any other green bean, as the dry bean will stand considerable cold wet weather, while other varieties at the same time will rot in the ground. The main feature of this bean is its earliness. The pods usually being ready to pick at least five days ahead of Red Valentine, and are a beautiful green color, extra long, almost straight, round, thick, meaty, tender, and in flavor unsurpassed. A very valuable feature is that the first picking is a heavy one. The demand for this bean has been very much in excess of the supply, and as a money-maker we offer nothing in the seed line that has proved so advantageous to our gardeners as this particular item. Adapted for late as well as early planting, owing to the hardness of the vine, which resists unfavorable weather and disease. $\frac{1}{2}$ pt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bush. \$6.50.



KING OF THE EARLY BEAN

	$\frac{1}{2}$ Pt.	Pt.	Qt.	Pk.	Bu.
Bountiful. Very early, entirely free from strings, fine crop- per, flat pod; a desirable variety.....	\$0 10	\$0 20	\$0 30	\$1 50	\$5 00
Black Valentine. Pods extremely long, round and straight; very attractive in appearance.....	10	20	30	1 75	6 50
Extra Early Red Valentine. Pods are round and fleshy; big yielder, fine quality.....	10	20	30	1 25	4 00
French Lead Pencil. Round green-podded variety, extra long, straight pod.....	10	20	30	1 75	6 00
Longfellow. Very early, prolific, stringless and tender.....	10	20	30	1 75	6 00
Long Yellow Six Weeks. Very early and prolific; long, green, flat pods.....	10	15	25	1 25	4 50
Newington Wonder. An entirely stringless green-podded variety, very meaty.....	10	20	30	1 75	6 00
New Stringless Green Pod. A very quick grower, pro- ducing large pods; excellent flavor.....	10	20	30	1 75	6 00
Refugee, or 1000 to 1. A popular medium late variety; extensively grown for pickling.....	10	15	25	1 25	4 00
Refugee Extra Early. Similar to Refugee, or 1000 to 1, but two weeks earlier; enormously prolific.....	10	15	25	1 25	4 00
White Marrow. A popular shell bean; seeds white.....	10	15	25	1 30	4 50
Boston Pea Bean. Very productive for baking; excel all other sorts	10	15	25	1 30	4 50

Beans, Peas and Corn we do not deliver free, but will do so if 10c. per qt. is added to the prices.

BEANS—Dwarf or Bush—Wax Podded or “Butter”

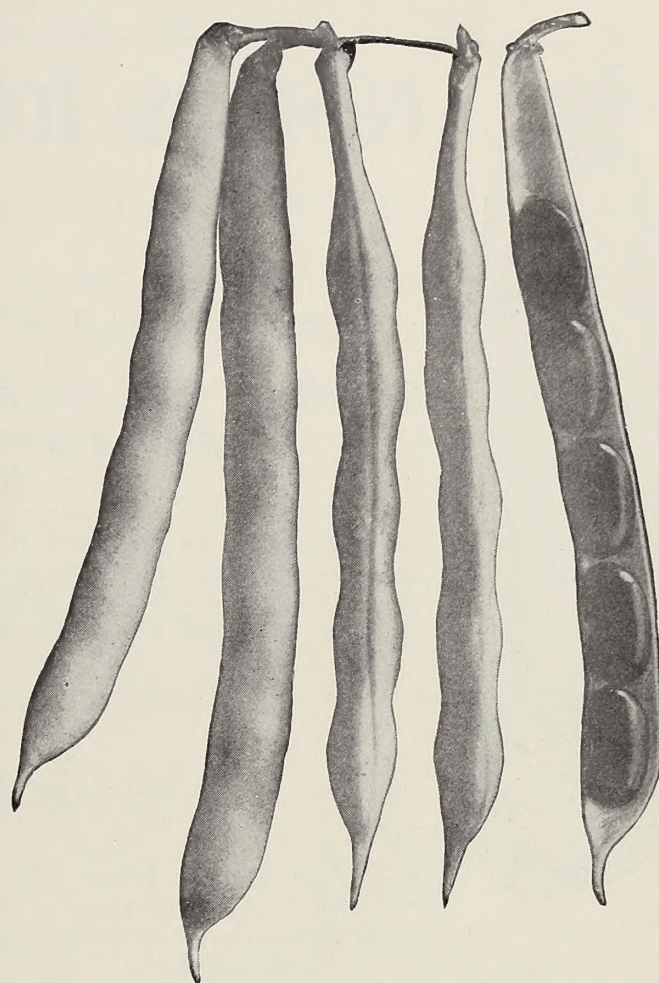
“Noll’s Selected Strain” California Rust-Proof

Flat Wax Bean

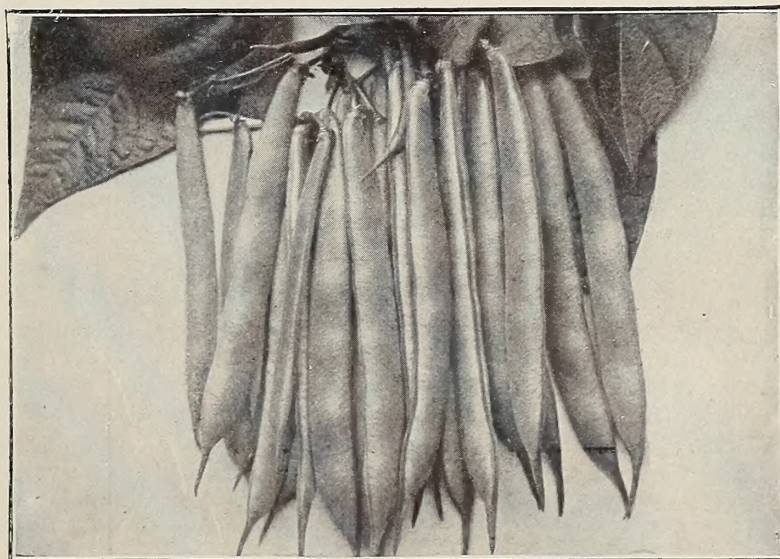
Positively the earliest, hardiest and most productive flat pod Wax Bean ever offered.

It can be planted fully a week ahead of any other Wax Bean on account of its extreme hardiness, and will pick four to five days ahead of any other Wax variety planted at the same time. The vines are of a vigorous growth and yield enormous quantities of large, handsome flat pods. In the vicinity of Norfolk where thousands of bushels of these beans are planted annually it has proven to be the most satisfactory flat Wax variety. The seed should be planted not closer than four inches apart in the row. Market Gardeners should not fail to grow this valuable variety. $\frac{1}{2}$ pt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.00.

	$\frac{1}{2}$ Pt.	Pint	Quart	Peck	Bush.
Black Wax, Improved. Very early and prolific. The pods are round, full, stringless, and of fine quality.....	\$0 10	\$0 20	\$0 30	\$1 50	\$5 00
Currie’s Rust-Proof Wax. Early flat pods. Good shipper.	10	20	30	1 25	4 00
Davis Kidney Wax. Long, handsome waxy white; flat pods	10	20	35	1 50	5 50
Flageolet Wax. Valuable for either private use or market, exceedingly productive; pods flat, succulent and tender....	10	20	35	1 50	5 00
Golden Wax, Improved. Very early; flat pods, long, stringless	10	20	30	1 50	5 00
Golden-Eyed Wax. Very hardy and prolific, with flat, yellow pods; very early and free from rust; a very desirable and popular sort.....	10	20	30	1 50	5 00
Hodson Long Pod Wax. New; plants grow $2\frac{1}{2}$ feet high, producing enormous numbers of waxy-cream colored pods, 7 inches long, tender and fine	10	20	30	1 50	5 00
Hunt’s Mammoth Podded Flat Wax. The largest podded bush bean ever offered. Gives the best satisfaction as a Mid-summer or Fall wax bean. Exceptionally heavy cropper..	10	20	30	1 75	6 50
Noll’s New Golden Queen. A new variety which will supersede all the other varieties. Producing enormous plants, enormous pods and enormous yield	10	20	30	1 75	6 00
Refugee Wax. A perfect Refugee, with long, round, wax pods; suitable for early or late sowing; immense yield	10	20	30	1 50	5 00
Valentine Wax. An extra early Valentine with round wax pods, possessing the excellent features of the green-podded sort. A great yielder of handsome waxy yellow pods, solid, meaty, and almost stringless..	10	20	30	1 50	5 00
Wardwell Kidney Wax. Early; long, flat, purely wax pods	10	20	35	1 50	5 00
Yosemite Mammoth Wax. Very long, thick, solid pods of finest quality	10	20	30	1 50	5 00



NEW CALIFORNIA RUST-PROOF DWARF WAX BEAN



NOLL’S NEW GOLDEN QUEEN BEAN

LIMA BEANS

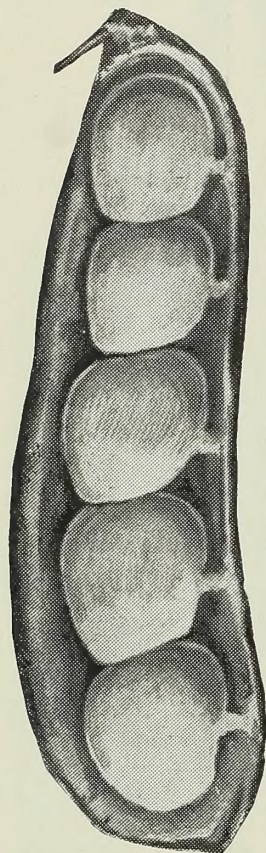
NOLL'S IDEAL POTATO

POLE LIMA BEAN

Similar to the Dreer's Pole but earlier, longer pods and more prolific.

The variety of Lima Beans for the gardener to grow. Shells out more quarts of beans to the bushel of pods than any other Lima Bean.

The pods are produced in clusters and average four to five inches in length, containing thick beans of elegant quality. One of our customers in Cuba who shipped his crop to New York market the past season realized out of three bushels of seed an average of eight dollars per crate. $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., pk. \$2.25, bush. \$8.00.



NOLL'S IDEAL POTATO
POLE LIMA BEAN

POLE LIMAS

	$\frac{1}{2}$ Pt.	Pt.	Qt.	Pk.	Bus.
Early Leviathan Lima. Ripens earlier than any pole variety; very productive	\$0 15	\$0 25	\$0 40	\$2 00	\$7 50
Ford's Mammoth-Podded Lima. Largest podded Lima offered; very productive, excellent for using either green or dry	10	20	35	2 00	7 50
King of the Garden Lima. A vigorous grower, bearing large pods, five to eight inches long...	10	15	30	1 75	6 50
Large White Lima. One of the old favorites, producing large, flat, kidney-shaped beans.....	10	20	30	1 75	6 50
Jersey Extra Early Lima. Matures a few days earlier than King of the Garden; good quality.	10	20	35	2 00	7 50
Dreer's Improved Lima. A very early variety of great productiveness, excellent quality, beans cooking rich and mealy.....	10	20	35	2 00	7 00

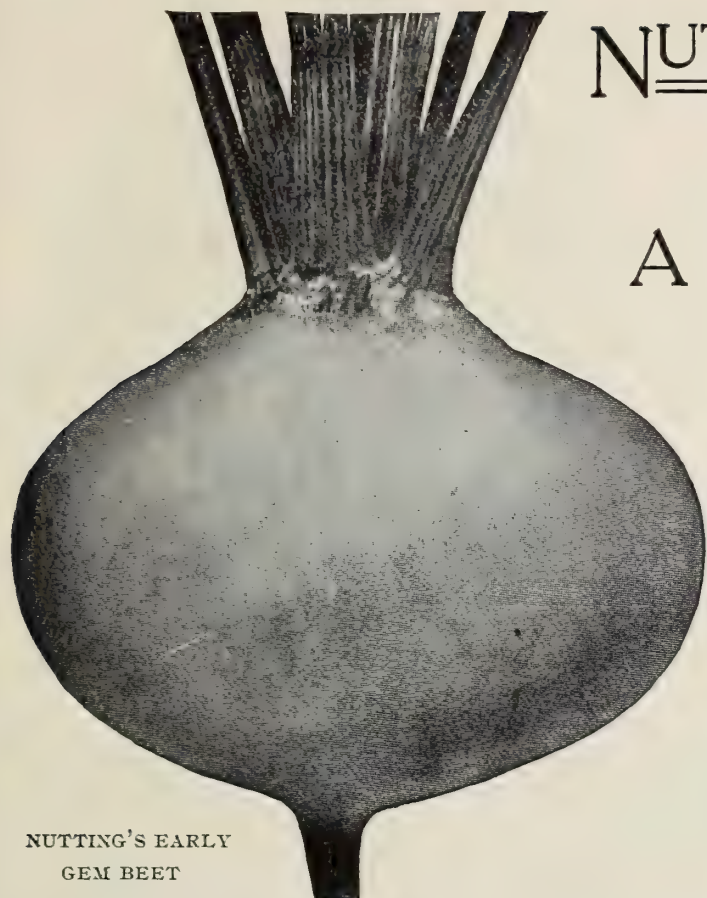
BUSH LIMA BEANS

Noll's Ideal Potato Bush Lima. Sells more readily in the market than any other variety; very early and prolific. "No staking".....	15	25	40	2 25	8 00
Henderson's Bush Lima. Productive and early, rich and tender	15	25	40	2 00	7 50
Burpee's Bush Lima. One of the best Bush Lima Beans, growing about 20 inches high.....	10	20	35	2 00	7 00
Dreer's Bush Lima. Very prolific, sweet and succulent.....	10	20	35	2 00	7 50
New Wonder Bush Lima. A distinct variety, earlier and a surer cropper than Burpee's Bush..	10	20	35	2 00	7 00

BEANS, CLIMBING OR POLE

OLD HOMESTEAD. Produces pods in clusters, in eighty days from planting; productive and continuous bearer.....	15	25	40	2 00
Lazy Wife's Pole. So called because so prolific that it is easy to pick a mess.....	15	25	40	2 00
White Dutch Case Knife. Early, large pods, prolific.....	15	25	40	2 00
White Creaseback. One of the earliest, productive, fine quality	10	20	35	2 00
Early Golden Cluster. Bright yellow pods, stringless; very striking in appearance.....	10	20	35	2 00
Horticultural, or Speckled Cranberry. An old popular variety, also used as a shell bean....	10	20	30	1 75
Scarlet Runner. Produces large scarlet flowers, also large green-podded beans	10	20	35	2 00

Beans, Peas and Corn we do NOT deliver free, but will do so if 10c. per quart is added to the prices.



NUTTING'S EARLY GEM BEET

Noll's Selected Strain

A Grand First Early and Main
Crop Variety

It is just the Beet you want for the table

Beautiful Form Rich Red Flesh

Exceedingly Tender Deliciously Sweet

Positively the earliest beet in the market. Without a peer as to shape, size, color and quality. Has satisfied the most critical and experienced gardeners who have pronounced it the "King of Beets," and we believe that the merits of this variety as a money-maker has no equal. Its valuable features consist in its being the earliest beet, perfectly smooth, tender and sweet, dark in color, and does not crack as the old Egyptian and other early varieties. It produces roots of marketable size in shorter time than any other, which places it at the head of the list for growing in greenhouses, and if sown in July for a late crop, will be ready for market quicker than any other sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c., 10 lbs. and over 60c. per lb.

NUTTING'S EARLY
GEM BEET

CROSBY'S IMPROVED EGYPTIAN BEET

A selection out of the well-known Egyptian variety, and is an excellent first early sort, uniform in shape, dark red in color. The tops are small, yet large enough to bunch easily. Next to our Nutting's Early Gem, believe this is the earliest variety and one of the most satisfactory to grow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

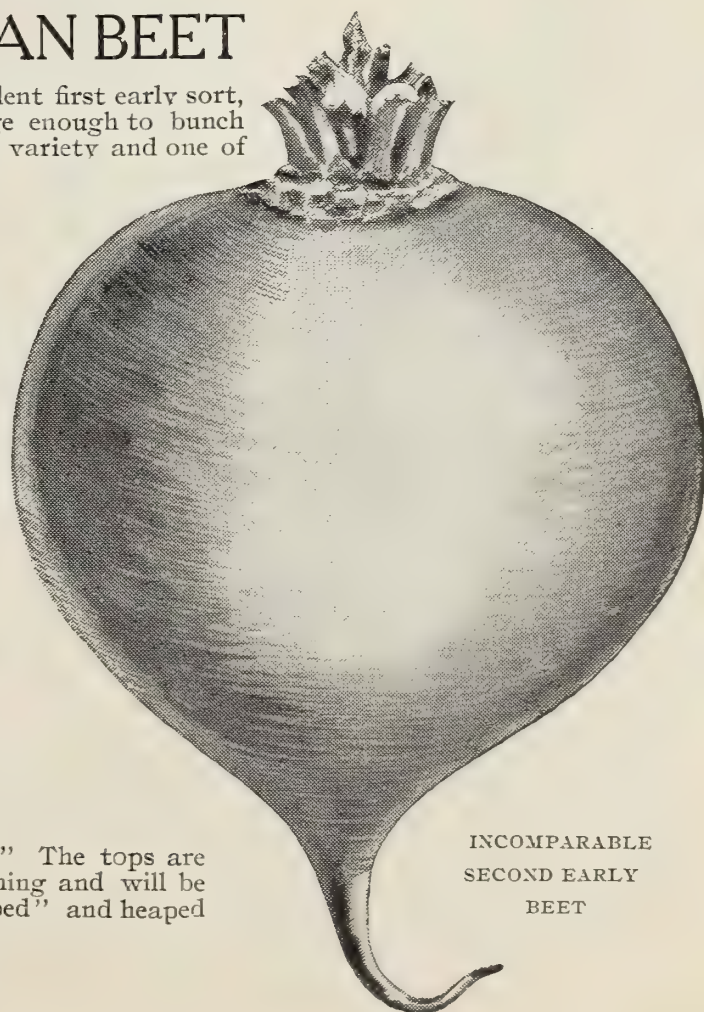
INCOMPARABLE SECOND EARLY BEET

This is, without doubt, the finest second early market beet ever introduced. The root is medium in size, rich dark red in color, which it retains when cooked. For table use scarcely any variety can equal it in fine quality. The top is large; does not wilt down during, nor after, being pulled in warm weather. This alone will cause it to be highly appreciated by every market gardener. We also recommend it to all who have a family garden. All our customers praise it highly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

DETROIT DARK RED BEET

A FINE STRAIN OF TURNIP-SHAPED BEET

Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time admirable for either summer or fall use. The roots are "real blood" color, smooth and uniformly round and never get "woody." The tops are dark-colored and vigorous. It is one of the best varieties for bunching and will be found equally as good to store for winter marketing for when "topped" and heaped in measures it is very showy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



INCOMPARABLE
SECOND EARLY
BEET

For complete list of Beets see page 8

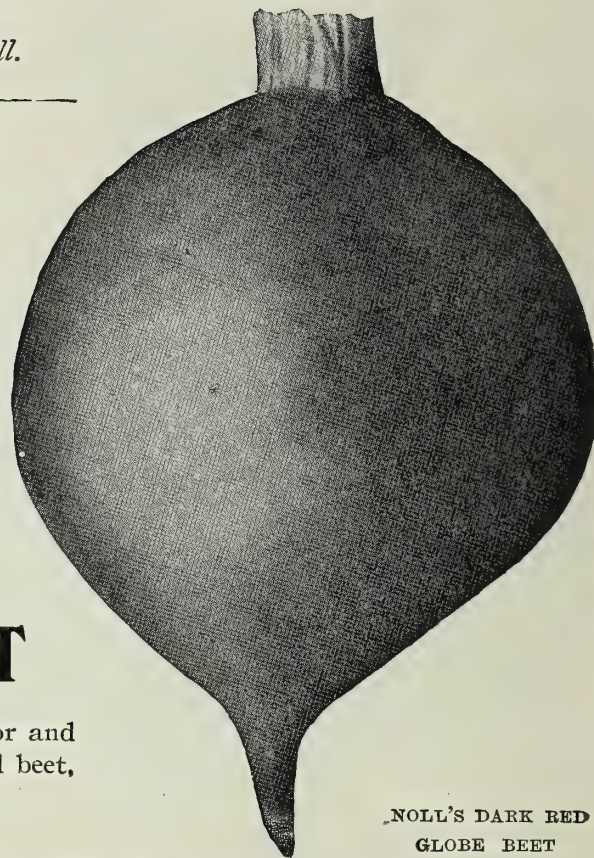
BEETS—Continued—One oz. to 50 feet of drill.

NOLL'S INVINCIBLE BEET

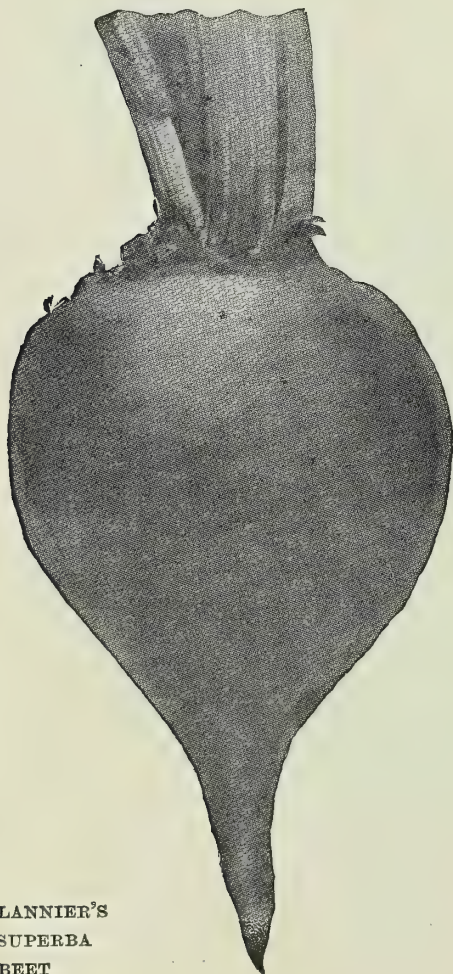
A new variety which is especially adapted for sowing in Summer to pit or trench for Winter. It is a dark red blood beet with strong foliage. It holds its color and does not rot or decay as easily as other varieties. A fine beet for pickling, being tender, sweet and juicy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

STRASBURG HALF LONG BEET

One of the finest half long beets cultivated. It has a beautiful dark red color and the quality is unsurpassed by any half long variety. An excellent basket or barrel beet, Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



NOLL'S DARK RED
GLOBE BEET



LANNIER'S
SUPERBA
BEET

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Arlington Improved. Uniformly shaped, superior quality, free from bitterness.....	\$0 05	\$0 10	\$0 20	\$0 50
Baltimore Half-Long. A dark, blood, half-long beet, smooth and dark in color; an excellent variety to sell by the basket or barrel	05	10	20	60
Bassano. Early flat variety, very sweet.....	05	10	15	40
Bastian's Blood Turnip. Of bright color, excellent quality..	05	10	20	60
Crimson Globe. Fine shape, smooth skin, sweet and tender; top small and dark in color.....	10	15	20	50
Dewing's Improved Blood Turnip. An improved variety of the early blood turnip.....	05	10	15	40
Early Model. Blood red, extremely smooth, fine, rich color, tender and sweet.....	10	20	25	60
Early Blood Turnip. One of the standard varieties, tops make excellent greens.....	05	10	20	60
Eclipse. Remarkable for rapid growth; smooth and round, very fine grained.....	05	10	20	40
Edmand's Blood Turnip. A handsome variety to follow the extra early sorts; fine for late.....	05	10	20	40
Egyptian Extra Early. A fine forcer, small top, dark red color	05	10	15	40
Electric. An extra early blood turnip beet, small top, flavor rich and sugary.....	10	15	25	75
Half-Long Blood. Bulbs are pear-shaped, tender and sweet; flesh rich, red color.....	05	10	20	60
Lannier's Superba. Of a beautiful bell shape, between a turnip and a half-long beet; splendid dark, carmine color, fine quality	05	10	25	75
Lentz Turnip. Dark red and white; early and prolific.....	05	10	20	50
Long Smooth Blood. A good late variety for Fall and Winter use, sweet and tender.....	05	10	20	60
Noll's Dark Red Globe. A perfect type of blood beet, and should be grown as a second early crop.....	05	10	20	60
Swiss Chard. Prepared for the table in same manner as spinach; mid-rib can be prepared like asparagus.....	05	10	20	60

For Sugar Beet and Mangel Wurzel, see page 36.

Be sure to try our Nutting's Early Gem Beet.



EARLY JERSEY WAKEFIELD CABBAGE

Noll's Improved Strain

Market Gardener's Cabbage

The grandest cabbage in existence. Quick growing, perfect in type and suitable for Spring, Summer or late use. Heads are flat, hard and uniform, averaging 12 lbs. in weight.

Can recommend it for the market gardener, trucker or private planter, as it is a perfect Cabbage in every respect, handsome color and fine quality. One of our customers in Churchland, Va., wrote us a short time ago that in nearly thirty years of raising cabbage he could find nothing to surpass it or even equal it and he has tried all varieties. We cannot praise it too highly. **Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.00.**

Noll's New White Globe Cabbage

Especially Adapted for High and Dry Soils

Making splendid heads as round as a cannon ball. It is very uniform and solid and in this respect it is a wonder; has heads of about equal size and shape, weighing from ten to fifteen pounds each. Quality is of the very best. Flesh is exceedingly firm, tender and white, making it most desirable for Kraut. It is very hardy and recommended highly for a Cabbage for late planting. It is very quick growing and we believe will give the very best satisfaction. **Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.00.**

Brussels Sprouts

HALF-DWARF IMPROVED

The best variety for the gardener to grow. A great improvement on the old tall-growing sort, being more dwarf and compact. Produces sprouts of larger size and quality. **Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

Borage

The young leaves of this annual, which smell somewhat like a cucumber, are used as a salad, or boiled like spinach. Should be sown at intervals, as the leaves are palatable *only when young*. Sow in the Spring, in light soil; transplant in shallow drills, a foot apart, when of six weeks' growth. **Pkt. 5c., oz. 10c., lb. \$1.00.**

Pride of Erfurt Cabbage

An Extra Early Round-Headed Variety, as Early as Charleston Wakefield and Yielding More Than Any Other Extra Early.

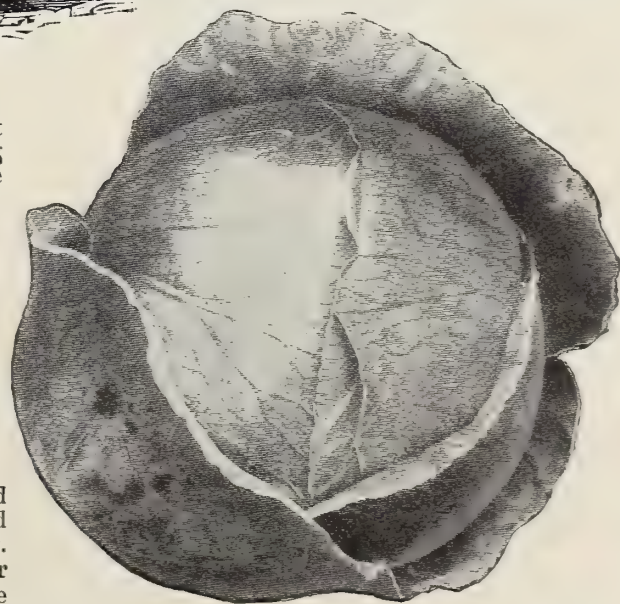


PRIDE OF ERFURT CABBAGE

A cabbage finely bred, somewhat smaller than our Market Gardener's Cabbage. The stem is short with a few outer leaves, making almost the whole plant edible. Its shape and yield make it valuable for truckers, while its quality renders it a fine variety for private gardeners. **Pkt. 10c., oz. 40c., ¼ lb. \$1.40, lb. \$5.00.**

Noll's Mammoth Red Ball Cabbage

By far the best, largest and hardiest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, round, very solid, and of deep red color inside as well as outside. **Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.00.**



NOLL'S NEW WHITE GLOBE CABBAGE

CABBAGE—Continued—*One ounce produces 1000 plants*



CHARLESTON WAKEFIELD CABBAGE



GREEN CURLED SAVOY CABBAGE



AUTUMN KING CABBAGE



SUCCESSION CABBAGE

Noll's Perfection

Hard-Heading
SAVOY

CABBAGE

Market gardeners' private stock. This variety, the result of many years' careful selection, is certainly the perfection in the Savoy. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well and retains its color. It is the best selling market variety of all the Savoy. **Pkt. 5c., oz. 25c., ¼ lb. 85c., lb. \$3.00.**

EXTRA EARLY VARIETIES

	Pkt.	Oz.	¼ lb.	Lb.
Early Jersey Wakefield. A leading early variety. Seed we offer is grown from selected stock.....	\$0 05	\$0 30	\$0 85	\$3 00
Charleston Wakefield. A few days later than Early Jersey, producing twice as much per acre as the early variety.....	05	30	85	3 00
Early Spring. As early as the Jersey Wakefield, heads are round and flat, quality fine.....	10	30	85	3 00
Early Louisville Drumhead. Of large size, solid, and a good keeper	05	20	75	2 50
Early York. A superior early-heading robust sort, producing oval-shaped head	05	25	75	2 50
Early Winnigstadt. For either early or late use, conical shape, quality good.....	05	20	60	2 00
Stein's Early Flat Dutch. Producing large, flat heads of fine quality	05	30	85	3 00

SECOND EARLY OR SUMMER VARIETIES

All Head Early. Largest heading of the second early sorts; remarkably solid and uniform.....	05	25	85	3 00
All Seasons. Very desirable, either for early Spring, Summer or Fall use.....	05	20	75	2 50
Early Summer. A second early variety, making a large, solid flat head, with short outer leaves.....	05	25	85	3 00
Fottler's Improved Brunswick. Producing immense heads; can be grown as a second early or late sort; short stems, quality good	05	20	75	2 50
Succession. A good second early, round-headed sort, grown largely by market gardeners and amateurs.....	05	30	85	3 00

LATE OR WINTER VARIETIES

Autumn King. Produces heads of the largest size, very solid, a good keeper.....	10	30	85	3 00
Late Flat Dutch. Large, flat heads, solid and of fine texture, a good keeper.....	05	25	75	2 50
Holland, or Danish Ball Head. Extra hard heading variety, mostly used as a Winter cabbage.....	05	25	85	3 00
Houser. An excellent late variety, heads nearly round, fine keeper. Claim to be equal in solidness to Danish Ball Head.	10	30	85	3 00

RED VARIETIES

Red Dutch. A large heading variety, fine for pickling.....	05	25	75	2 50
Mammoth Red Ball. A large growing, select strain, producing solid heads; color, intense dark red.....	10	30	85	3 00
Mammoth Rock Red. A sure heading sort, large and solid...	10	30	85	3 00

SAVOY VARIETIES

American Drumhead Savoy. Of superior quality; the inside of cabbage is pure white, possessing the rich flavor of cauliflower	10	25	85	3 00
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Noll's Perfection, Hard-heading Savoy. See top of page.

CARROT

One ounce for 100 feet of drill

RUBICON HALF-LONG CARROT

The finest bunch carrot in existence to-day. This is an entirely new and distinct American strain, finely shaped and of beautiful deep orange color. It grows without neck, and is hollow crowned. Being earlier than the Danvers, the leaves are one-third shorter, fewer and finer than in that well-known sort. It is excellent for growing under glass or outside, at any season of the year. **Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.**

NEW FRENCH MARKET CARROT

Also Known as
NEW YORK MARKET

The highest colored and most beautiful yielder of all carrots. Top small, considering the size of the roots, which are smooth, straight and free from roughness; is early; without core; very tender and sweet. Admirably adapted to either glass or open ground culture; excellent for early or late. **Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.**

NOLL'S Early Short-Top Forcing CARROT

This is the best frame carrot ever offered, and is also an excellent outdoor sort. It has a short top, is perfectly smooth and has a rich orange color. One important feature about this carrot is that it has the color desired when it is quite small and does not crack open. **Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.**



RUBICON HALF-LONG CARROT



LONG RED SURREY CARROT

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half-Long. Medium early and heavy cropper, fine quality...	\$0 05	\$0 10	\$0 20	\$0 60
Danvers Half-Long. Early, smooth and handsome, tops of medium size: flesh sweet, crisp and tender.....	05	10	25	75
Early French Forcing. One of the earliest, small globular roots, orange red in color.....	05	10	25	75
Early Scarlet Horn. A blunt-rooted early variety	05	10	20	75
Half-Long Stump-Rooted. One of the best for private gardens; grow about the same length as Danvers, but thicker.....	05	10	20	75
Intermediate. A very handsome, main crop variety, wine-colored.....	05	10	20	75
Long Orange Improved. The largest yielder, and a good keeper.....	05	10	20	60
Long Red Surrey. An excellent long Winter variety, and a great improvement on Long Orange. One of the best varieties for selling by the basket or barrel.....	05	10	20	75
New York Market. A very handsome, almost coreless, bright orange carrot, fine quality.....	10	15	35	90
Oxheart, or Guerande. A short, thick variety, suitable for hard soil.....	05	10	20	75

Our Carrots are universally known as the finest to be had. We challenge any competition as to their merits.

Noll's Superior Extra Early Cauliflower

The Earliest and SUREST HEADER of all the Cauliflowers

IT HEADS WHERE OTHERS FAIL

In presenting this early variety to our customers we can confidently state this to be the earliest cauliflower in cultivation to-day, either for forcing under glass or outdoor planting. Not only is it remarkable for its extra earliness and

certainly to produce large, handsome, pure white, heavy heads of the finest quality, but its very dwarf, compact habit and short leaves enable it to be planted very close. Pkt. 40c., ¼ oz. \$1.50, oz. \$5.00, ¼ lb. \$18.00.



NOLL'S SUPERIOR EXTRA EARLY CAULIFLOWER

Extra Early Dwarf Erfurt Cauliflower THORBURN'S SUPERB STRAIN

EXTRA EARLY DWARF ERFURT is one of the very best varieties for field cultivation, for either early or late, heading with great certainty under conditions at all congenial, producing extra large, deep, solid white "flowers." The plant is of large, sturdy, robust growth, having a strong frame with short, broad leaves which furnish ample protection to the "flower." This is of the finest quality, always clear, with even surface, without any leaf growing between and unsurpassed in appearance.

For years we have held the bulk of the trade in sections where large fields of Cauliflower are grown for Eastern markets and almost entirely with this sort. Pkt 20c., oz. \$4.00, ¼ lb. \$15.00

	Pkt.	Oz.	¼ lb.
Extra Early Paris. Heads uniform, but quality and size inferior.....	\$0 05	\$0 80	\$2 75
Large Late Algiers. A strong-growing variety for late Fall use, producing large, fine heads; popular with canners.....	10	80	2 75
Autumn Giant, Veitch's. A large-growing late variety, succeeding better in Southern climates than any other variety.....	05	60	2 00

Early Snowball Cauliflower

Originally recommended and used as an early variety, but it has largely driven out the large late sorts for fall use, being much finer in quality, and certain to head when conditions are ordinarily favorable, forming a perfect snow-white head, averaging not less than 8 inches and often attaining a size of 10 to 12 inches in diameter. It is one of the earliest of Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during Winter and Spring it is well adapted, from its dwarf growth and short outer leaves, and for this purpose no other Cauliflower is now so largely grown. Pkt. 15c., oz. \$2.50, ¼ lb. \$9.00, lb. \$35.00.

Corn Salad

Broad-Leaved (Large Seeded). A delicious salad used during the Winter and Spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in Spring in drills one foot apart. It will mature in six weeks. For early Spring use sow in September and winter over like spinach. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 40c.

Three Most Popular Celeries Grown

"Extra Selected Stocks"

"Proven Seed"

Grown by critical and careful growers in France.

FRENCH Golden Self-Blanching **CELERY**

NOLL'S SUPERIOR STOCK

Our Selected Strain of French Golden Self-Blanching Celery cannot be surpassed. The stock of this variety, which we have offered for the past five years, is pronounced by the best growers of celery to be the finest

strain ever offered. The color of stalks is a rich golden yellow, solid and tender. It is rich in flavor, very stocky, and exceptionally full of heart. Does not grow too tall, being more of a dwarf habit. In the vicinity of New York it is used to a

great extent, and we can frankly state that our stock contains many excellent qualities not found in similar varieties offered by other seedsmen. **Pkt. 10c., oz. 50c., 1/4 lb. \$1.50, lb. \$5.00.**



FRENCH GOLDEN
SELF-BLANCHING
CELERY



NOLL'S NEW MAGNIFICENT LONG-KEEPING
CELERY

NEW LONG-KEEPING CELERY NOLL'S MAGNIFICENT

The Finest Type of Late Long-keeping Celery Ever Offered
Extra Selected Stock. The Best Winter Keeping Variety

This strain is offered by us to Market Gardeners with the distinct understanding that if given a fair trial and not found as represented, we will cheerfully refund the price paid for same. This is an unusual offer, but we know that no finer type of green celery can be purchased. It is a late celery of the finest quality, very full-hearted, solid, crisp, and when bleached is of a golden yellow color. It is a good keeper and we cannot recommend it too highly. **Pk. 15c., oz. 60c., 1/4 lb. \$2.00, lb. \$8.00.**

NOLL'S Winter King **CELERY**

Seed Grown by a Market Gardener

An unusually free growing green celery with many heavy hearts, solid, thick, heavy stalks and when bleached is of a creamy yellow color. This stock was first discovered in Staten Island and since its introduction two years ago has been very much sought after. It is earlier than our "New Magnificent," is not quite as sturdy, but, as some gardeners have remarked, it is early and makes a fine show when ready for market. Has always proved a good keeper. **Pkt. 15c., oz. 60c., 1/4 lb. \$1.75, lb. \$6.00.**

For complete list of Celery see page 14

CELERY—Continued—One ounce for 2000 plants

	Pkt.	Oz.	¼ lb.	Lb.
Boston Market. A variety of superior quality, forms a cluster of heads, and should be blanched by earthing up	\$0 05	\$0 20	\$0 60	\$2 00
Giant Pascal. Producing large, thick, solid stalks, very crisp, and of nutty flavor.....	10	20	60	2 00
Golden Dwarf. One of the old standard varieties, producing large, full stalks, hard as Golden Yellow, splendid keeper	10	30	90	3 00

New Rose. Like all red celeries, is of fine flavor, crisp, and an excellent keeper; color is a beautiful shade of rose..... 10 25 85 3 00

Pennsylvania Long Keeping. An elegant market gardener's variety..... 10 30 1 00 3 50

Soup Celery (old seed). Used for flavoring..... 05 15 35

White Plume Perfected. A leader among the early sorts; requires very little labor in growing, and is improved by earthing up. Stalks are pure white, crisp, and rich flavor..... 10 30 85 3 00

Winter Queen. Extra selected stock, and the finest type of late green celery we offer at a low price. An elegant keeper, full of heart, and solid. 10 30 85 3 00

Celeriac or Turnip-Rooted Celery

Turnip-Rooted Celery

Large Smooth Dwarf

CELERIAC

Moonarchie

This strain is superior in many respects to the older varieties, as it is fine-grained, free from the side-roots which are usually found on most varieties, has a short top and produces a large bulb or knob. It is of a fine quality and good keeper. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**



NEW MOONARCHIE CELERIAC

Large Smooth Prague. One of the largest smooth skin varieties grown, exceptionally free from side roots..... **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

Chervil

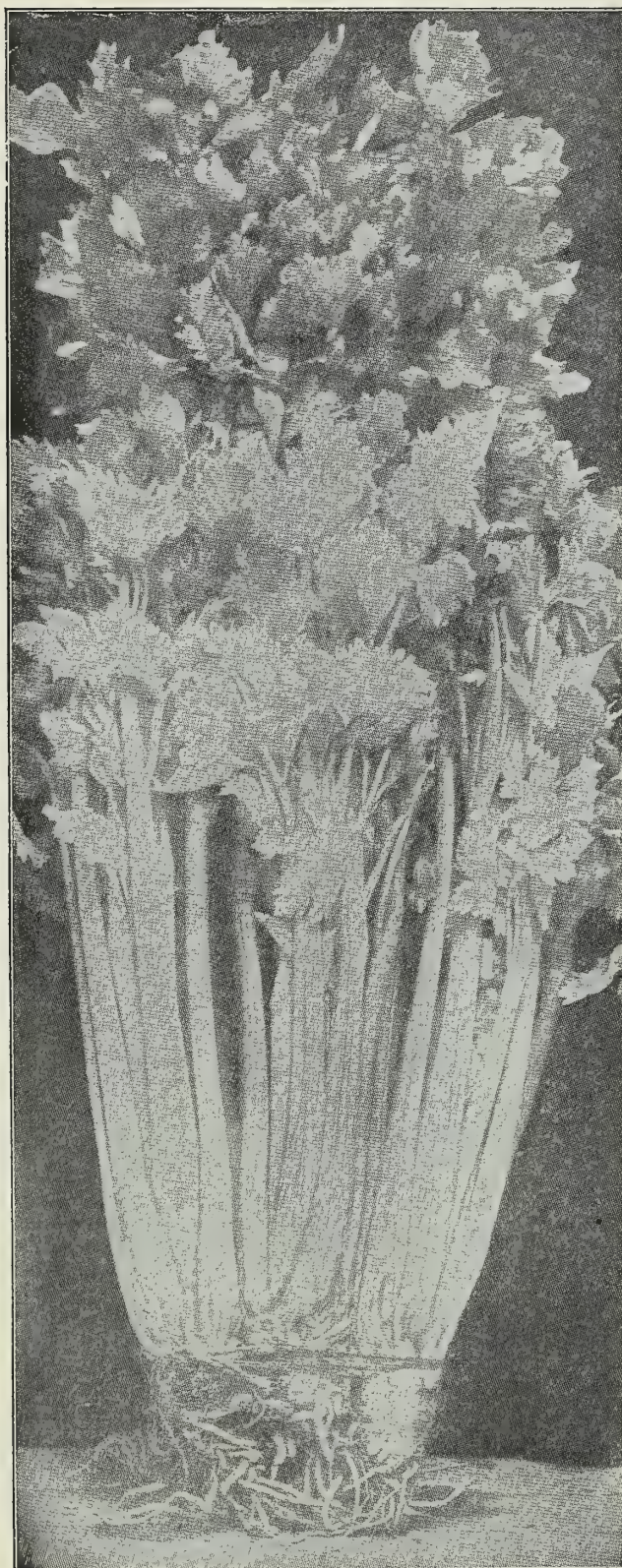
Used in soups and salads..... 05 15 30 1 00

Chicory

Large-Rooted. Used to mix with, or as a substitute for coffee. The young leaves are excellent for salad 05 15 35 1 00

Collards

Southern. Cabbage greens, used as a substitute for cabbage in the South..... 05 15 35 1 00



PERFECTED WHITE PLUME CELERY

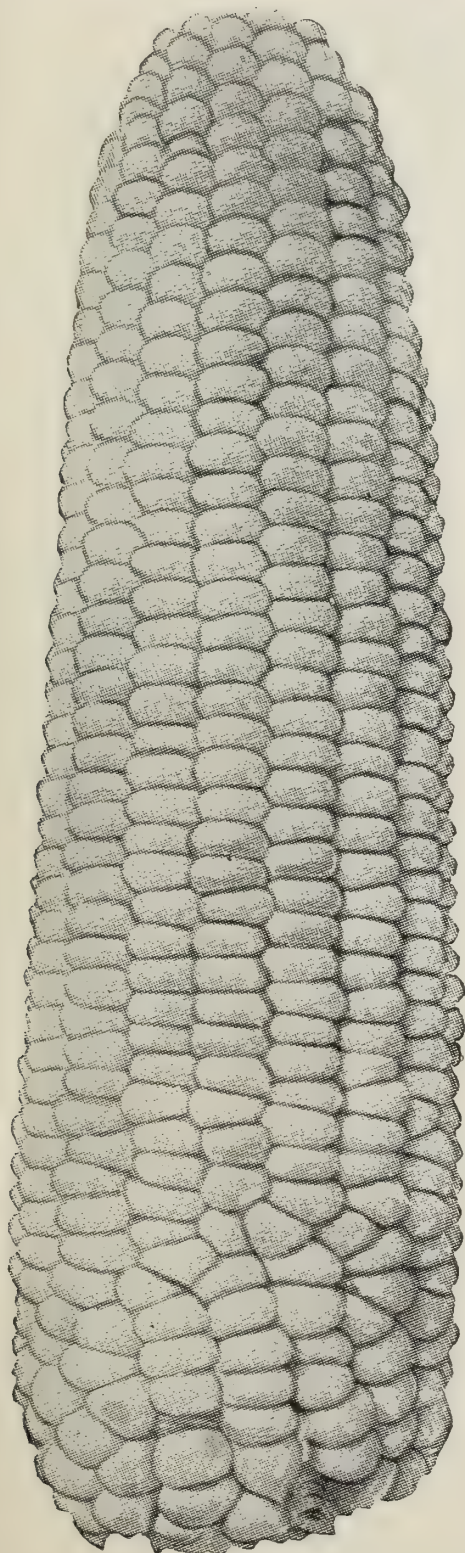
SWEET CORN

One quart for
150 hills

Noll's Early Express Corn

The Finest Early Corn Ever Introduced. A New Early Variety of Strictly Sugar Corn Combining all the Good Qualities of the Later Sorts

It is much hardier, and may be planted some days earlier without danger of rotting than any other early kind. It is a vigorous grower, bearing two ears of good quality to the stalk and several days earlier than the White Cory. Our supply is limited, and would request early orders for this item. $\frac{1}{2}$ pt. 10c., pt. 20c., qt. 30c., pk. \$1.50, bush. \$5.00.



NOLL'S EARLY EXPRESS CORN

EARLY VARIETIES

	$\frac{1}{2}$ Pt.	Pt.	Qt.	Pk.	Bus.
Red Cob Cory. The earliest, and one of the best early varieties grown; good quality.....	\$0 10	\$0 15	\$0 25	\$1 00	\$3 50
White Cob Cory. Stalks do not grow very tall; very prolific, and preferred to the Red Cob Cory.....	10	15	25	1 00	3 50
Premo. One of the best early varieties, producing a good-sized ear of fine quality.....	10	15	25	1 25	3 75
Golden Bantam. A very hearty variety, producing yellow grain of fine quality; very rapid grower.....	10	15	25	1 50	5 00
Metropolitan. An extra early variety, a few days later than White Cory, but produces larger ears.....	10	15	25	1 25	4 00
Early Minnesota. One of the old standard varieties, coming in a little later than Cory, good quality.....	10	15	25	1 00	3 50

MEDIUM EARLY VARIETIES

Early Champion. Medium early, producing large ears, of beautiful white milky grains, tender and sweet....	10	15	25	1 00	3 50
Perry's Hybrid. A popular second early variety, producing good-sized ears, set low on the ground.....	10	15	25	1 00	3 50
Stabler's Early. Can be used for marketing, canning, or family use, fine quality.....	10	15	25	1 00	3 50
Saunders's Second Early. A new variety, which supercedes all the older second early varieties; very productive	10	20	30	2 00	7 00
Black Mexican. A medium early variety of exceptionally fine quality.....	10	15	25	1 50	5 00
Kendall's Early Giant. Ready for use in sixty to seventy days; very sweet and tender, producing ears about the same size as Early Champion.....	10	15	25	1 00	3 50
White Evergreen. A highly bred type of Stowell's Evergreen, only it is pure white. When in the green state, both cob and corn are white.....	10	15	25	1 50	5 00

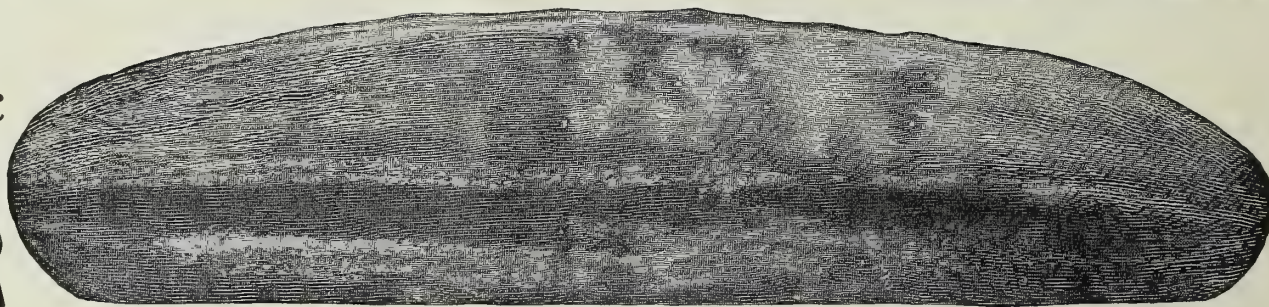
LATE OR MAIN CROP VARIETIES

Country Gentleman. Ears are medium size, deep grains, irregular rows on cob, and deliciously sweet....	10	15	25	1 25	4 00
The "Henderson." Matures about the same time as Stowell's Evergreen; good-sized ear of fine quality....	10	15	25	1 25	4 00
Long Island Beauty. The most prolific variety of sweet corn ever introduced, quality of the very best, and exclusively used as a late planting variety.....	10	15	25	1 25	5 00
Late Mammoth. The largest of all the mammoth varieties, producing immense ears, often weighing three pounds; extensively used for fodder to feed green.....	10	15	25	1 00	3 50
The Moonarchie. Matures about the same time as Stowell's Evergreen, but produces larger ears; a great favorite with the market gardeners.....	10	15	25	1 50	4 50
Stowell's Evergreen. One of the most productive varieties grown, quality of the very best; remains in good condition, suitable for cooking, for a long time	10	15	25	1 00	3 50

CUCUMBERS

One ounce for
50 hills

NOLL'S New Early Prolific White Spine CUCUMBER



Earlier than the Improved Arlington White Spine and a Heavier Cropper. Truckers Who Desire an Early Cucumber Will Find in this New Variety a Money-Maker.

It is one of the most vigorous, strong and robust growers. Fruits are even size, very handsome shape, measuring about 8 to 9 inches in length, and are of a dark green color. The fruits are close to the hill, and are excellent for slicing. Our Southern friends will find it admirably adapted to their wants. **Pkt. 5c., oz. 10c., ¼ lb. 40c., lb. \$1.50.**

Davis' Perfect CUCUMBER

A New Variety Originated by Mr. Eugene Davis, Who First Introduced Davis Kidney Wax Beans.

It is in color a glossy green; shape slim, symmetrical, with an average length of 10 to 12 inches. The quality is fine and of exceptionally good flavor. Another strong point of merit is its shipping qualities; it seems to hold its color and brittleness long after being cut. It is a very strong grower and is able to resist the cucumber disease. This cucumber can be used under glass as well as for growing out of doors. Claimed to cut from 30 to 50 per cent. more cucumbers from the vines of this variety than any other. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.**



DAVIS' PERFECT CUCUMBER

NOLL'S NEW EARLY PROLIFIC WHITE SPINE CUCUMBER

	Pkt.	Oz.	¼lb.	Lb.
Cool and Crisp. A strain of White Spine, similar to the Arlington. It is early, and continues to bear the entire season.....	\$0 05	\$0 10	\$0 30	\$1 00
Extra Early Green Prolific. One of the best pickling varieties, dark green.....	05	10	30	1 00
Extra Long White Spine. Skin dark green, producing fruits ten inches long. One of the best strains of White Spine.....	05	10	30	1 00
Early Cluster. A very early short green variety..	05	10	30	1 00
Improved Arlington White Spine. A strain of White Spine, which has been improved with careful selection	05	10	30	1 00
Evergreen. Skin dark green, fruits of medium size; very prolific.....	05	10	30	1 00
Long Green. Fruits are long, firm and crisp; small fruits are used for pickles; vines are vigorous in growth, and productive.....	05	10	30	1 00
Matchless Extra Early White Spine. Very productive, dark green color, and of good size..	05	10	30	1 00
Japanese Climbing. Can be grown on trellis, producing large, fine fruits, of good quality...	10	20	40	1 00
West Indian Gherkin. A small pickle variety, producing fruits about two inches long.....	10	15	35	1 00

CRESS

Extra Curled. Used for garnishing.....	05	10	15	40
Water Cress. Should be grown along moist banks; used for salads and garnishing.....	10	25	75	3 00

DANDELION

Common, or French. The variety mostly used by market gardeners	10	20	60	2 00
Improved Thick Leaf. An early improved variety.	15	50	1 50	

FENNEL

Florence. Usually eaten boiled; in flavor it resembles celery; has a sweet taste, and most delicate odor	05	15	35	1 25
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NEW JERSEY IMPROVED EGG-PLANT

BLACK BEAUTY EGG-PLANT

This new variety is an excellent market sort. It is about the same size and shape as the New York Improved, except a little fuller at the top; is a few days earlier and a heavier yielder. Its color is a rich purplish black, which it retains even after becoming dead ripe. True stock. **Pkt. 10c., oz. 40c., ¼ lb. \$1.25, lb. \$4.00.**

NEW JERSEY IMPROVED EGG-PLANT

Large Smooth Stem Dark Purple

Market gardeners and shippers will find this variety the best in cultivation. The habit of the plant is low and branching, and it is quite free from spines. Leaves of a light green shade. Fruit early, very large, oval and of a fine deep purple. Flesh very white, tender and of superior quality. **Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb. \$3.75.**

New York Spineless Egg-Plant

Early, prolific; purple fruits of the largest size and perfect in form. **Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb. \$3.75.**

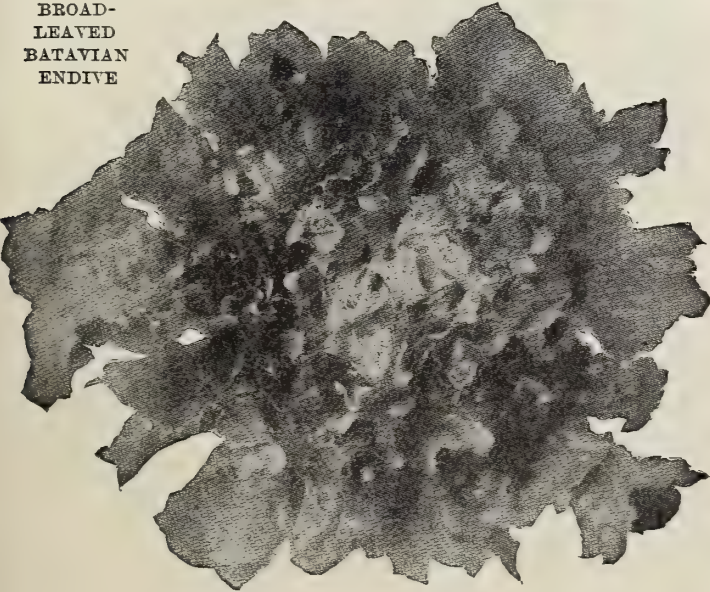


NEW SMOOTH WHITE SHORT-LEAVED KOHL-RABI

New Smooth White Short-Leaved KOHL-RABI

Owing to the increasing demand for this popular European vegetable, many gardeners have added it to their crops. After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and best for forcing, as well as for outside growth. Bulb is greenish white, beautiful, smooth shape and of the very finest texture and quality. **Pkt. 10c., oz. 30c., ¼ lb. 90c., lb. \$3.00.**

Early White Vienna. Large, quick-growing; greenish white skin and tender white flesh.....	Pkt.	Oz.	¼ lb.	Lb.
	\$0 05	\$0 20	\$0 60	\$2 00
Early Purple Vienna. The outside color is purple; flesh white and delicate	05	20	60	2 00
Short-Leaved Early White Vienna. Early and rapid-growing, with few and small leaves; the most delicately flavored; indispensable for frames and forcing; can be planted closely	10	30	85	3 00



BROAD-LEAVED BATAVIAN ENDIVE

Mammoth GREEN CURLED ENDIVE

NOLL'S SELECTED STRAIN

This beautiful and valuable variety is much superior to the old Green Curled, and grows 15 to 20 inches in diameter, as shown in photograph. The leaves are very crisp, tufty and full in every stage of growth. The mid-rib is pure white, very heavy, thick, fleshy and tender. It is equally suitable for Spring, Summer or Autumn planting, being extremely hardy. **Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

Mammoth Green Bordeaux Curled

ENDIVE

Very large valuable new sort, attaining a diameter of 22 inches. Leaves beautifully curled, tender, of an attractive green color and blanches easily. The center is very close and full. Excellent late variety. **Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**



NOLL'S SELECTED STRAIN MAMMOTH GREEN CURLED ENDIVE

Broad-Leaved Batavian ENDIVE (Escarolle)

Has broad, thick, slightly wrinkled leaves, forming a large head which is preferred for stews and soups; but if the leaves are gathered and tied at the top, the whole plant will blanch nicely and make an excellent salad. **Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

KALE or BORECOLE One ounce for 150 feet of drill

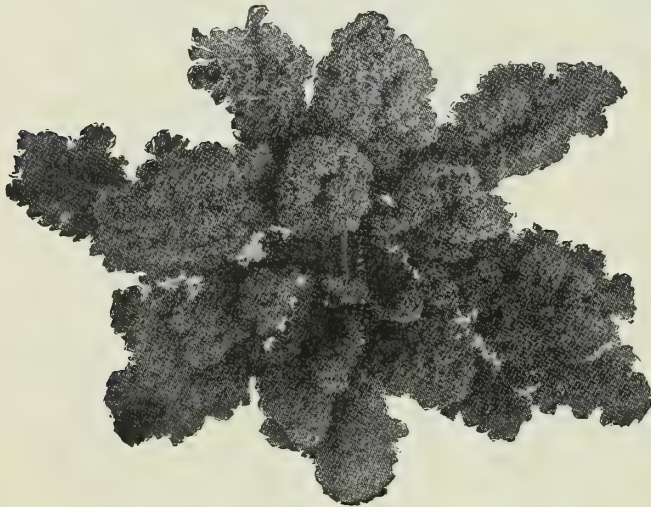
NORFOLK DWARF GREEN CURLED SCOTCH KALE

This is one of the best Kales for Spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy and will remain over Winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of a bright green color, beautifully curled and produced in great abundance. **Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.**

NEW IMPERIAL LONG-STANDING OR EARLY BLUE CURLED KALE

A beautiful curled and crimped sort, of strong, vigorous habit perfectly hardy, dark green color, and very attractive appearance. Superior to all other sorts, and will stand longer without shooting to seed than any other. **Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.**

Siberian. Green, curly leaves; tender and of delicate flavor. **Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.**



DWARF GREEN CURLED SCOTCH KALE

Brown German Curled, or Purple. Purplish, curly leaves. **Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. \$1.00.**



NEW GIANT ITALIAN LEEK

LEEKS

One ounce will sow 100 feet of drill

NEW GIANT ITALIAN WINTER LEEK

This is by far the best variety. It grows long and thick, and is unusually fine grained, tender and hardy. The foliage is of a dark, glossy green, keeps well and will yield double the quantity per acre of any other sort. **Pkt. 5c., oz. 20c., ¼ lb. 40c., lb. \$1.50.**

IMPROVED AMERICAN FLAG LEEK

Selected stock. A good early variety with light green leaves. It is not as thick as Giant Italian, but grows taller. **Pkt. 5c., oz. 20c., ¼ lb. 40c., lb. \$1.50.**

Musselburgh, or Scotch Champion. Large-growing, flat-leaved variety, stems 3 in. in diameter by 8 in. long. **Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**
Large Rouen. Excellent for either Winter or Autumn use, of slow growth, but slow in running to seed. **Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

LETTUCE

One ounce produces 2,000 plants

CALIFORNIA GIANT WHITE LETTUCE

For either Spring or Fall use. Big, compact, tender and crisp white heads

Every plant heads, and the heads are uniformly shaped, very large and thick through, and of a solidity equal to that of a cabbage. They measure about seven inches across the solid head. The leaves are slightly crumpled, of a beautiful white color. It has an attractive appearance, is the best for growing in sash, and excellent as an outdoor Autumn or early Spring crop. The best variety for Southern growers. Unsurpassed for growing in low temperatures. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00, 5 lbs. \$9.00.** Prices on 25, 50 or 100-lb. lots quoted on application.

KING OF THE GARDEN HEAD LETTUCE

Sow or plant on ground not too heavily manured—Has produced the largest heads we ever saw

This variety is indeed worthy of its name and we believe it is the finest we can offer our market gardeners and friends for early Spring or Fall planting. The leaves are smooth and of a beautiful light green color, which makes it a ready seller. It is the largest hard-heading variety we know of and we cannot recommend it too highly. Will give the best results in the Spring when sown in the sash and planted out. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.**

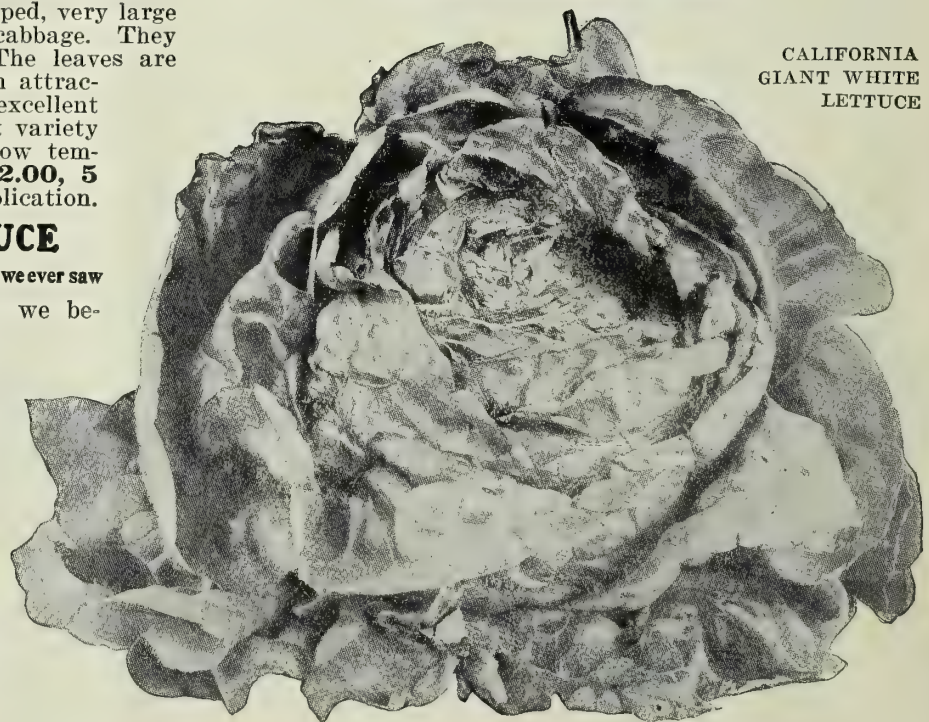
THE TWENTIETH CENTURY LETTUCE

A strictly all season variety which has made more friends for us and given better results with our gardener customers than any other we ever sold

Where it is very similar to our Mammoth Salamander, it stands more heat, grows to a larger size and has a better color. Valuable for private garden as well as to grow for profit. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.**

CHAMPION OF ALL LETTUCE

For full description, see page 19



CALIFORNIA
GIANT WHITE
LETTUCE

LETTUCE—Continued—*One ounce for 2000 plants*

NOLL'S CHAMPION OF ALL LETTUCE



LARGE AMERICAN FLAG LEEK



EARLY VIENNA KOHL-RABI

Noll's Champion of All Lettuce

The best all-around Lettuce for Spring and Fall planting. Introduced by us last season and it has proved to be a wonderful Lettuce in every locality. A sure header when other varieties fail. Color a beautiful light green. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

HEAD VARIETIES

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Big Boston. Resembles Boston Market, but nearly twice as large; desirable for Spring and Fall outdoor planting.	\$0 10	\$0 20	\$0 50	\$1 50
Boston Market. Very hardy and crisp; can be used for forcing	05	15	40	1 25
California Cream Butter. Very large, solid heads, inside very white.	05	15	40	1 25
Mammoth Black-Seeded Butter. Produces enormous heads, very tender and crisp, for early Spring and Fall use	05	20	40	1 50
Yellow-Seeded Butter. A distinct yellow-headed sort, crisp and of fine flavor.	05	20	40	1 50
Deacon. Largely used for growing in cold frames; heads solid, rich and buttery.	05	15	40	1 25
Grand Rapids. A free grower, very curled and crumpled.	05	15	40	1 25
Hanson. Produces large heads of fine quality.	05	15	40	1 25
Immensity. Especially adapted for late Summer and Fall use	10	20	60	2 00
May King. Recommended as an early variety for sowing in the hotbed, and transplanted out in the open ground early in Spring	10	25	60	2 00
Magnum Bonum. Fine quality for all seasons, especially adapted for Summer sowing.	10	25	60	2 00
Mignonette. A small all-head variety, producing heads of a creamy yellow color.	10	20	50	1 50
New York. Immense heads of crisp and delicious quality.	10	20	40	1 50
New Treasure. One of the best Summer varieties.	10	25	60	2 00
Noll's Boston Glass House. A fine variety for forcing in the greenhouse, making a good-sized hard head; seed we offer is especially grown by a market gardener, who exercises the greatest care in selecting.	10	50	1 50	5 00
Salamander (Mammoth). Grows about double the size of Salamander; one of the best for Summer use.	10	25	60	2 00
Simon's Dutch Speckled Butter. A grand variety for growing in the cold frames. It makes a large, white head, with a few brown spots on it; seed grown by a market gardener	10	20	75	2 50
Summer Gem. One of the hardiest and surest heading varieties of all Lettuces. Very valuable for Summer planting	10	25	60	2 00

CURLED or CUTTING VARIETIES

Early Curled Simpson. Very early, largely grown in cold frames	05	15	40	1 25
Black-Seeded Simpson. One of the best curled varieties, withstanding the Summer heat.	05	15	40	1 25

COS or ROMAINE

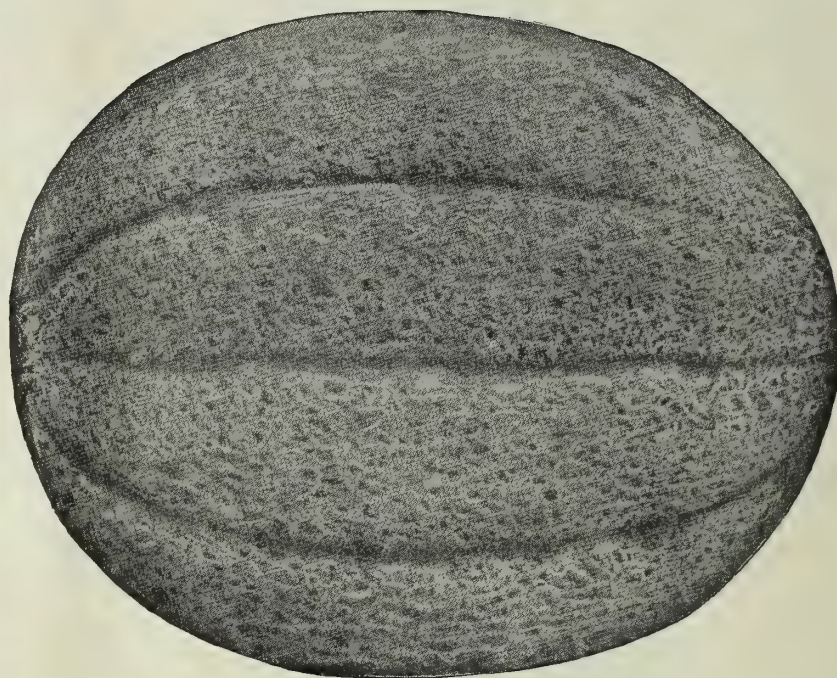
Trianon Self-Closing. Very crisp and tender, producing leaves stiff and crisp like Celery.	10	20	50	1 50
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MUSKMELON OR CANTALOUPE

One ounce for
50 hills

MUSKMELON "MARYLAND"

Considered by Expert Melon Growers Superior
to the Best Strains of Rocky Ford



"MARYLAND" MUSKMELON

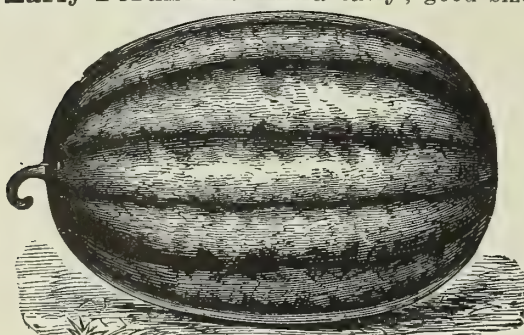
It is ten days earlier than the Rocky Ford, twice as productive and larger in size. The vines are of a strong, healthy growth, branch freely, setting a large number of fruits close to the hill. The melons are fine and regular in size and form, nearly round or slightly oval, and very closely netted. The skin is of a light golden hue when fully ripened. Flesh bright green, luscious in flavor and ripens close to the skin. Customers who are fortunate enough to get some of this seed and who have been raising Rocky Ford melons will not grow them again after once planting this new strain. The stock is limited. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.**

	Pkt.	Oz.	¼ lb.	Lb.
Burrell Gem. A new Rocky Ford with golden meat. Every trucker should try this variety, owing to its exceptional record as a money-maker.....	\$0 10	\$0 30	\$0 75	\$2 50
Emerald Gem. A very early Melon of globular shape, flesh salmon-colored; exterior dark green....	05	10	30	1 00
Early Hackensack. A careful selection from Hackensack. Fruit much like it in shape and quality, but ready for market earlier.....	10	15	30	1 00
Hackensack. Melons grow to large size and attractive appearance. Flesh green, sweet and sugary...	10	15	30	1 00
Jenny Lind. The earliest variety, netted, of small, round size. Excellent flavor	05	10	30	1 00
Long Island Beauty. On style of Hackensack.....	05	10	30	1 00
Netted Gem. One of the earliest small melons, globular shape, flesh light green, fine flavor.....	05	10	30	1 00
Newport. Of the Jenny Lind type, very juicy; matures early.....	05	10	30	1 00
Nutmeg Improved. One of the old stand-bys, finely netted, deep green skin.....	05	10	30	1 00
Osage. Coconut-shaped, yellow flesh, light green netted skin.....	05	10	30	1 00
Paul Rose. A cross of Osage and Netted Gem; deep salmon or orange color; deliciously sweet.....	05	10	30	1 00
Rocky Ford. Of a most delicious flavor, smooth grained and light green color.....	05	10	30	1 00
Scarlet Masterpiece. Resembling Emerald Gem, but almost double the size; a heavy cropper and a fine shipper	10	15	30	1 00

WATERMELON

One ounce for
20 hills

	Pkt.	Oz.	¼ lb.	Lb.
Black Diamond. Dark green, tough skin; large size, round.....	\$0 05	\$0 10	\$0 20	\$0 50
Cole's Early. Medium size, red flesh, green skin.....	05	10	25	70
Cuban Queen. Solid and heavy; skin marked regularly; excellent quality; early.....	05	10	20	60
Dixie. Excellent quality; very large and solid; flesh red; intermediate	05	10	20	60
Duke Jones. Large, handsome, dark green; red flesh of fine flavor	05	10	20	50
Early Fordhook. Extra early; good size, green skin, red flesh.....	05	10	25	70
Florida Favorite. Superior strain; improvement on Rattlesnake; intermediate	05	10	20	60
Ice Cream, White Seed. Very early; red flesh.....	05	10	25	75
Kleckley Sweets. Exceedingly sweet and fine-flavored, dark green skin, thin rind; flesh solid, scarlet and firm.....	05	10	25	75
Kolb Gem. Large; good shipper; bright red flesh of fine quality; intermediate	05	10	20	60
Mammoth Iron Clad. An old variety; grows to an immense size, oblong, dark green with light markings; red flesh of fine quality.....	05	10	20	50
Mountain Sweet. Oblong, dark green fruits, rind thin; flesh red, solid and sweet.....	05	10	20	50
Sweet Heart. A thick, oval Melon, light green, mottled with thin tough rind; flesh light red, solid, of fine quality and flavor. It is early.....	05	10	20	60



CUBAN QUEEN WATERMELON

Noll's Sure Crop American Mushroom Spawn

Mushrooms may be grown by anyone having a supply of fresh horse manure and a tight shed or cellar, or under a greenhouse bench where a temperature of 50 or 60 degrees can be evenly maintained. They are a most profitable crop when successfully grown, and the American market is the best in the world for this most delicious of foods. It comes in bricks weighing about 1½ lbs.; enough to plant a bed about 9 square feet. **Lb. 15c., 100 lbs. \$12.00.**

MUSTARD

1 oz. will sow about 75 feet of drill

Southern Giant Curled. Highly esteemed in the South, where the seed is sown in the Fall, and used in the Spring as a salad. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

New Chinese. Leaves twice the size of the ordinary White Mustard, crimped like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 65c.

White London. The old sort, used for salads and flavoring. Oz. 5c., ¼ lb. 15c., lb. 35c.

NASTURTIUM—Indian Cress

Tall. The best for pickling seed pods, or garnishing. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Dwarf Mixed. A trailer requiring no support. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 65c.

OKRA, or GUMBO

The pods sliced are esteemed for soups, stews, etc., and, whether used green or dried, must be gathered when young.

Dwarf Prolific. Of dwarf, stocky Pkt. Oz. ¼ lb. Lb.
growth; very early and prolific.....\$0 05 \$0 10 \$0 20 \$0 50

Long Green. Long, slender, pale green pods; very tender..... 05 10 20 50

Perkins' Mammoth Long-Podded.
Very prolific; most desirable for canning 05 10 20 60



NOLL'S SURE CROP AMERICAN MUSHROOM SPAWN

ONIONS

One ounce to 100 feet of drill

American Grown Prize-Taker Onion

Grows Bulbs Weighing One Pound First Year From Seed. The Grandest Variety Grown. Excels in Yield, Size and Keeping Qualities.

The Prize-taker Onion has now been several years on the market, and is recognized as one of our best standard varieties. Rarely has any vegetable attained prominence more rapidly; it succeeds everywhere—East, West, North and South—and whether grown for home use or for marketing it gives universal satisfaction, yielding onions often 14 inches around and at the rate of 1,200 to 1,500 bushels per acre—often much more under exceptionally good culture. Its immense size and mildness of flavor delight everyone who raises it. Nothing short of actual knowledge of this variety will convey a really adequate idea of its great value, whether considered as a variety for commercial or private culture. Its immense size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. The exterior is pale yellow, and the interior clear sparkling white. It is easily grown, medium early in maturing, mild in flavor. By sowing early in a sheltered spot and transplanting the young plants, it can be grown to an immense size. **Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$2.00.**

Large Red Wethersfield Onion

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions.

Large Red Wethersfield is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs. Our stock will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild and it is an admirable onion for boiling. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.75.**



PRIZE-TAKER ONION

ONIONS—Continued

GOOD ONION SEED IS VERY SCARCE THIS YEAR. BEWARE OF CHEAP SEED

Southport GLOBES

Perfect Globe Shape,
Large, Heavy and
Solid ❖ ❖ ❖



SOUTHPORT GLOBE ONIONS

SOUTHPORT RED GLOBE

An early-maturing, large-sized, globe-shaped Onion, with deep red skin. Flesh fine-grained, very mild and tender. **Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

SOUTHPORT WHITE GLOBE

An enormous yielder and superb keeper. Perfect globe-shaped, very large, clear white skin and considered one of the handsomest varieties grown. The crop of this variety was practically a failure last season, but we have obtained a very limited supply of the very finest stock obtainable. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.**

SOUTHPORT YELLOW GLOBE

A fine variety for market gardeners. A great cropper of handsome large globe-shaped Onions, with clear yellow skin. **Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

	Pkt.	Oz.	¼ lb.	Lb.
Extra Early Red Flat. A very early, round flat Onion, thriving well in cool soil.....	\$0 05	\$0 20	\$0 45	\$1 75
Michigan Ohio Yellow Globe. Yields largest crop of any Yellow Onion; uniform in shape; attractive color.	05	20	45	1 75
Noll's Improved Yellow Globe Danvers. A decided improvement on Yellow Globe Danvers, owing to its perfect, uniform shape, without neck, larger and of a straw color	05	20	60	2 00
Red Wethersfield. (See page 21.)				
Round Yellow Danvers. Grown extensively for market, also popular for Onion Sets; ripens more surely in moist soils than the Globe-shaped variety.....	05	20	60	2 00
White Portugal, or Silver Skin. A specially selected sure-ripening strain of the Silver Skin, which is largely planted in the vicinity of Philadelphia.....	10	20	75	2 50
Extra Early White Bunch. Especially adapted for using when young, or bunching for sale; produces a showy, white, large Onion, of mild flavor.....	05	25	60	2 00
Yellow Dutch, or Strasburg. One of the best yellow varieties to grow sets.....	05	20	40	1 50

Italian, and Pickling Varieties

Adriatic Barletta. Extremely early; small, pure white, flesh mild; unexcelled for pickling.....	10	25	75	2 50
Giant White Garganus, or Silver King. Flattened shape, growing to an immense size.....	10	25	75	2 50
Queen. A very early small, flat white pickle Onion.....	05	25	60	2 00
White Dutch, or Hard Round Silver Skin. One of the best pickling varieties.....	10	25	75	2 50

ONION SETS

	Qt.	Pk.	Bus.
Red Onion Sets	\$0 25	\$1 25	\$4 00
Yellow Onion Sets	25	1 25	4 00
White Onion Sets	30	1 40	4 50
Top, or Button Onion Sets	25	1 40	4 50
Shallots. The small bulb keeps for a year; esteemed for seasoning	25	1 50	5 00

Parsley, Parsnip, Pepper

NOLL'S IDEAL TRUE HOLLOW CROWN PARSNIP

Handsomest Ever Produced.

In this valuable new sort we have a greatly improved strain. The roots do not grow as long as the old Hollow-Crown variety, are of larger diameter at the shoulder, and taper off rapidly, making them more easily gathered. It is a very heavy cropper. The roots are very smooth and white, the flesh fine grained and of most excellent quality. **Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.**

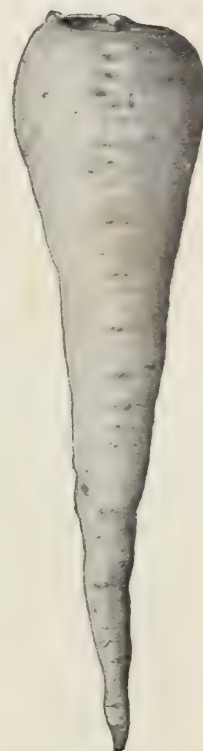
NOLL'S SELECTED STRAIN EXTRA DOUBLE CURLED PARSLEY

The best points yet obtained in Parsley have certainly been reached in this sort. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. Stands heat, drought and cold better than any other curled sort; will yield double that of any other, and will be found invaluable for selling in bunches or bunched with "pot-herbs." **Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.**



EXTRA DOUBLE CURLED PARSLEY--NOLL'S
SELECTED STRAIN

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled. Densely crinkled and curled, dark green leaves, beautiful for garnishing; a very select and productive stock	\$0 05	\$0 10	\$0 20	\$0 75
Hamburg, or Turnip-Rooted. The fleshy roots of this kind resemble small Parsnips and are esteemed for flavoring soups, stews, etc.	05	10	20	60
Italian Parsley. A variety largely used by the Italian gardeners in the vicinity of New York	05	10	20	60



IDEAL HOLLOW
CROWN PARSNIP

RUBY GIANT PEPPER

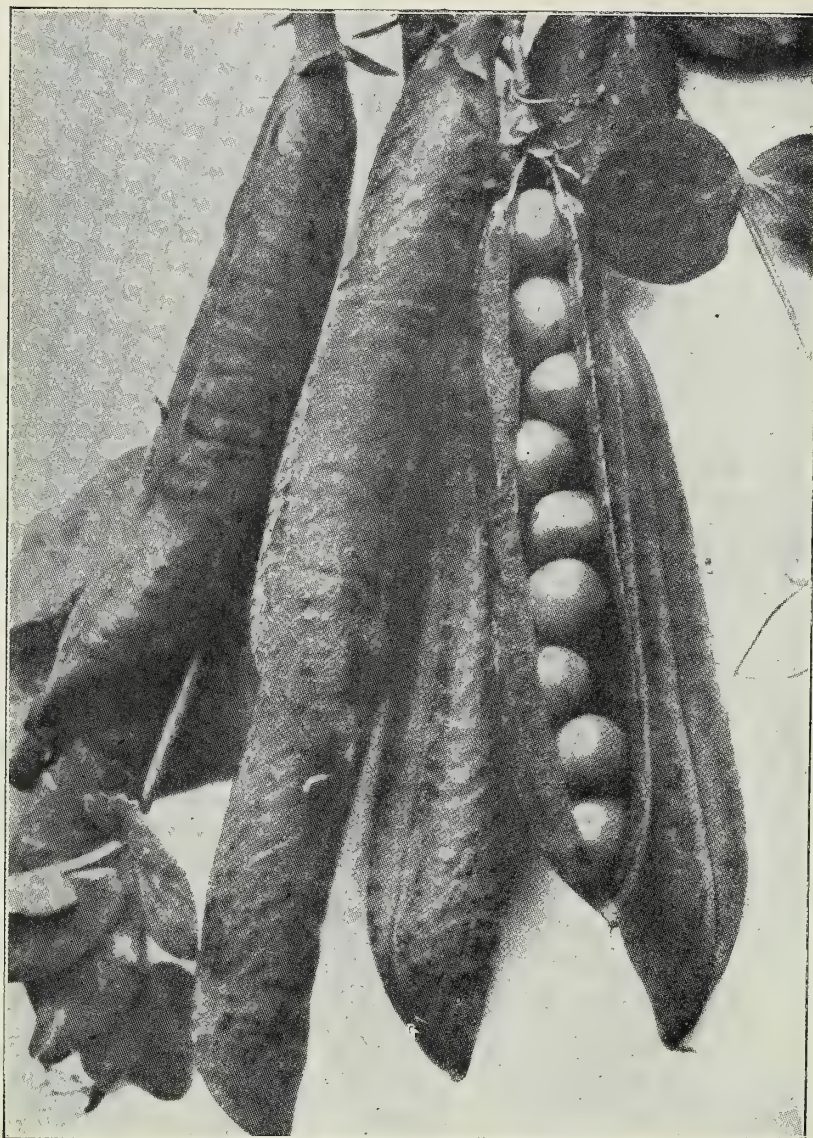
One ounce produces
1000 plants

In Philadelphia and many other markets there is a demand for long-shaped Peppers in the style of the Ruby King. To meet this demand a New Jersey grower has successfully crossed the Ruby King and Chinese Giant with the longer shape of the Ruby King. It is unexcelled for stuffing, and its size and appearance always command the top market prices. **Pkt. 10c., oz. 30c., ¼ lb. 90c., lb. \$3.00.**



NEW CHINESE GIANT PEPPER

	Pkt.	Oz.	¼ lb.	Lb.
Chinese Giant. Undoubtedly the largest sweet Pepper ever offered. The flesh is thick, mild and sweet.	\$0 10	\$0 40	\$1 25	\$4 50
Crimson Giant. In shape it is similar to Chinese Giant. It does not grow quite as large as Chinese Giant but is a heavier cropper. Flesh is very thick and sweet. The quantity of seed we have of this variety is limited.	10	50	1 50	5 00
Golden Dawn. A mild and sweet yellow Pepper, very attractive.	05	25	75	2 50
Large Bell, or Bull Nose. Large early variety, thick and fleshy, greatly used for pickling and mangoes, when green.	05	25	75	2 50
Long Red Cayenne. The pods are long and slender, of a bright red color and very pungent, extensively used for bunching with pot-herbs.	05	25	75	2 50
Red Chili. Generally used for making pepper sauce, small bright red, very hot.	05	25	75	2 50
Ruby King. An excellent variety for pickling, very productive.	05	25	1 00	3 50
Neapolitan. Ten days earlier than any other variety, fruits grow to a good size.	10	35	1 00	4 00
Sweet Mountain. Nearly the same as the Bull Nose, large in size and of deeper shape, mild in flavor.	05	25	75	2 50



GRAND MONARCH PEA

Noll's Grand Monarch Pea

Surpassing in earliness, yield and quality, the popular Gradus or Prosperity

A variety for the Gardener to grow

Produces quantities of large pods full of luscious peas. The vines grow from 2½ to 3 feet in height. The pods which are as large as Telephone are produced in abundance filled with from six to ten peas of large size. Can be sowed earlier than any of the early large varieties owing to the hardiness of the seed. ½ pt. 10c., pt. 15c., qt. 25c., pk. \$1.75, bush. \$6.50.

NOLL'S SELECTED EXTRA EARLY PEA

For extra earliness, and a pea to withstand greater change of weather, we know of no variety that is superior, earlier, or gives gardeners more profit than this variety. Pods are well filled, of a deep green color, and can be shipped long distances. ½ pt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bush. \$5.00.

DUKE OF ALBANY PEA

(American Champion)

It is one of the largest of all peas, enormously productive and its flavor and quality closely approach that of the well-known Champion of England. The pods are produced in pairs and are well filled. Each pod contains from nine to twelve large, fine peas. It is a tall-growing sort of branching habit; it should be sown thinly. Height four and a half feet. ½ pt. 10c., qt. 25c., pk. \$1.50, bush. \$5.00.

Sutton's Excelsior Pea

One of the finest sorts of recent introduction. The pods are the size of Gradus, but are broader and filled with from 8 to 10 peas. The habit of the vine is similar to Nott's Excelsior, being about the same height. Can be picked the same time as Gradus. ½ pt. 15c., pt. 25c., qt. 40c., pk. \$2.00., bush. \$7.50.

Prosperity. or Gradus Pea

A great Extra Early Wrinkled Pea. This remarkable pea is not only large and of the best quality, but it is nearly quite as early as the small, round extra-early sorts. It is sold under two names, but the two strains appear to be identical. Gradus is a wrinkled pea, with vine growing about 30 inches high. The pods are of a bright green color, and measure four inches or more in length, being as large as Telephone, filled with luscious peas—eight to ten or more in a pod. The peas are a first-class table quality and retain their color and attractive appearance after cooking. ½ pt. 10c., pt. 20c., qt. 30c., pk. \$2.00, bush. \$7.50.

Nott's Excelsior Pea

The most valuable of all dwarf early wrinkled peas
Surpassing in earliness, yield and quality

This is an extra early dwarf wrinkled pea, usually ready for table in 40 to 45 days from planting, only a few days later than the early round sorts. It grows about 14 inches high, or about half as tall again as the American Wonder. It is of vigorous constitution, and wonderfully productive. ½ pt. 10c., pt. 15c., qt. 25c., pk. \$1.60, bush. \$6.00.

McLean's Advancer Pea

A second early variety, attaining a height of 2½ feet, a great favorite with growers in this neighborhood, among whom it is often known as the Dwarf Champion. It is a green wrinkled variety of fine flavor. ½ pt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.00.

For complete list of Peas see page 25

PEAS—Continued—*One quart to 100 feet of drill***DWARF EXTRA EARLY VARIETIES**

	$\frac{1}{2}$ pt.	Pt.	Qt.	Pk.	Bush.
American Wonder. A very fine extra early wrinkled variety, well suited for the private garden; flavor and quality excellent. Height 1 foot.....	\$0 10	\$0 15	\$0 25	\$1 60	\$6 00
Little Gem. A dwarf, first early green wrinkled Pea; very prolific.....	10	15	25	1 60	6 00
Nott's Excelsior. An improvement on American Wonder; pods larger and more of them; extra fine quality	10	15	25	1 60	6 00
Premium Gem. Of very fine flavor and an improvement on the Little Gem.....	10	15	25	1 75	6 50
Alaska. An extra early round Pea, bearing pods of a dark green color.....	10	15	25	1 60	6 00
Daniel O'Rourke, Improved. One of the earliest and most prolific round smooth white Peas.....	10	15	25	1 00	3 50
First of All. Good early sort.....	10	15	25	1 00	3 50
Noll's Selected Extra Early. One picking will take about three-quarters of a crop; second picking about three days later will take the balance....	10	15	25	1 50	5 00
Noll's Grand Monarch. (See page 24.)					
Thomas Laxton. A new variety of large-podded Pea; will mature nearly as early as the Extra Early Smooth Peas.....	10	20	30	1 75	6 50
Prosperity. Combining the finest quality with extreme earliness; grows about 2½ feet.....	10	20	30	2 00	7 50

SECOND EARLY or MEDIUM VARIETIES

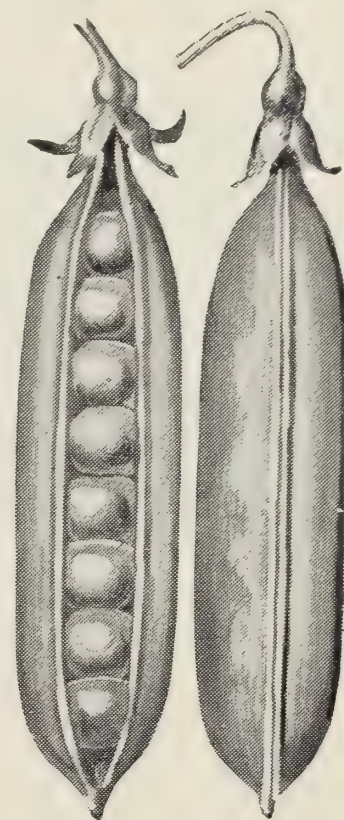
Advancer. (See page 24.)					
Heroine. A medium early variety, showy pods and an immense cropper; fine quality.....	10	15	25	1 50	5 00
Shropshire Hero. Grows about three feet tall, producing long, handsome, well-filled pods.....	10	15	25	1 50	5 00

MAIN CROP or LATE VARIETIES

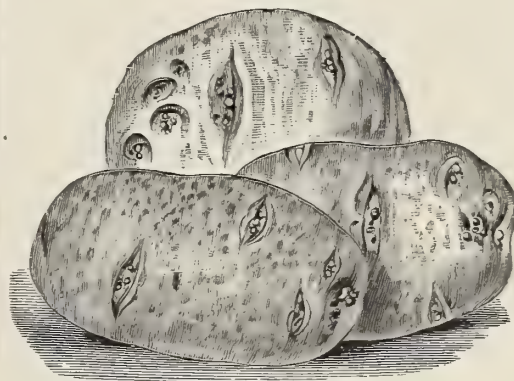
American Champion, or Duke of Albany. A grand large-podded wrinkled variety, producing Peas very tender and sweet.....	10	15	25	1 50	5 00
Champion of England. A popular wrinkled variety of delicious flavor; peas are large and very tender	10	15	25	1 50	5 00
Juno. Large straight pods, borne in pairs and filled with delicious dark green peas of fine flavor.....	10	15	20	1 50	5 00
Telephone. Immensely productive; vines strong, producing large pods which are of a pale green color..	10	15	25	1 50	5 50
Black-Eyed Marrowfat. Extensively grown as field Peas; hardy and productive.....	10	15	90	3 00	

PEAS, EDIBLE PODS

Melting Sugar. Pods grow five to six inches long, and are entirely stringless and very tender.....	10	15	25	1 75	
For Field and Cow Peas, see page 35.					



NOTT'S EXCELSIOR PEA



BEAUTY OF HEBRON POTATO



RUBY KING PEPPER

PUMPKIN

One ounce for
30 hills



LARGE CHEESE PUMPKIN

**Large Sweet Cheese
or Kentucky Field...**

PUMPKIN

A most popular variety. Fruit flattened, skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, very nutritious and of excellent quality; a most productive variety. **Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.**

	Pkt.	Oz.	¼ lb.	Lb.
Calhoun. A round Pumpkin of the finest quality, flesh deep salmon yellow, fine grained...	\$0 05	\$0 10	\$0 25	\$0 75
Connecticut Field. One of the most productive field Pumpkins, mostly used for feeding stock		05	10	30
Jumbo, or King of the Mammoth. Specimens have been grown weighing over 190 pounds. The color of the outer skin is a rich dark yellow, flesh a little lighter shade..	10	15	35	1 00
Large, or Mammoth Tours. Very productive and grows to a large size.....	05	10	20	60
	05	15	30	1 00

Winter Luxury. A splendid pie Pumpkin, round, skin finely netted

POTATOES

Bovee. Earlier than Early Rose and a much more productive variety. The skin is pink, grows very smooth, presenting a fine appearance.....
Beauty of Hebron. An old-time favorite of good size and excellent quality; a remarkably good keeper.
Early Ohio. Matures early, and are fit for use before fully ripe; very popular, early market variety
Early Norther. Similar to the Early Rose, but earlier; very prolific, fine cooking quality.....
Early Puritan. A distinct early variety, of fine quality.....
Early Rose. We sell more of this variety than any other; stock carefully selected.....
Queen. Very similar to Beauty of Hebron, but is earlier, and a heavier cropper.....
Green Mountain. A roundish flat, smooth white variety, suitable for mid-season; very heavy cropper.
Sir Walter Raleigh. Grow to a large size, heavy cropper, flesh white and fine grain.....

Prices of
Potatoes
Quoted Upon
Application

Noll's Selected Strain, Scarlet Turnip White Tipped RADISH

Very popular for outdoor culture and growing in frames. Medium size, bright scarlet color with a distinct white tip. Matures in 28 days. **Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c., 10 lbs. 35c., 100 lbs. \$30.00, 25 lbs. sold at 100 lb. rate.**

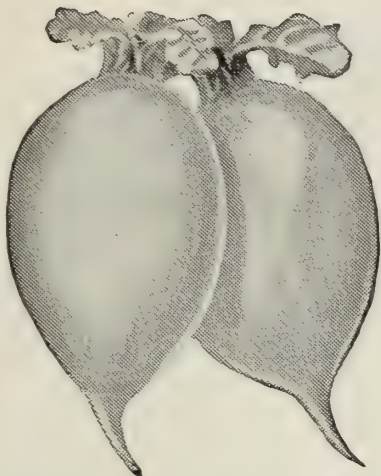
BRIGHT RED FORCING GLOBE RADISH

This is Unquestionably the Best Red Forcing Variety for Growing Under Glass; Also Very Desirable for Outdoor Planting.

It is of a brilliant scarlet color, with very short and small leaves, tender, crisp, and in quality all that could be desired. Will mature in 25 days and can be grown very thickly in the row; unlike other sorts, it sells well throughout the year. Should be pulled when not more than two-thirds grown. **Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c., 5 lbs. \$2.75.**



EARLY SCARLET TURNIP WHITE TIPPED RADISH



OLIVE-SHAPED YELLOW RADISH



CHARTIER RADISH



FRENCH BREAKFAST RADISH

RADISH—Continued—*1 ounce for 100 feet of drill*

WHITE ICICLE RADISH

The finest very early pure white Radish. Planted in Spring, is ready for use in in 20 to 25 days. This Radish is not only crisp and tender when young but retains these qualities until the roots attain larger size. Excellent for forcing. **Pkt. 5c., oz. 10c., ¼lb. 25c., 1b. 75c.**

Noll's Selected Strain Half Long : : BLACK RADISH

A very desirable Radish for late Summer and Fall use.
The flesh is white, crisp and tender; of quick growth, and stands the heat well. **Pkt. 5c., oz. 10c., ¼lb. 25c., 1b. 75c.**

	Pkt.	Oz.	¼lb.	Lb.
Bright Red Forcing Globe. (See page 26.)				
Early Scarlet Turnip. Medium size, quick grower, bright scarlet color	\$0 05	\$0 10	\$0 15	\$0 50
Crimson Giant. Globular in shape, and of a most brilliant cardinal red color, for either open ground or forcing....	10	15	25	75
Early White Box. A very early round, white variety, used extensively in Philadelphia.....	05	10	15	50
Early White-Tipped Scarlet Turnip. (See page 26.)				
Scarlet Globe. A dainty Radish, of mild flavor; bright red, small tops, very early.....	05	10	15	50
French Breakfast. Oblong shape, scarlet color, tip white.	05	10	20	50
Olive-Shaped Scarlet. A half-long, oval-shaped variety; very mild and crisp.....	05	10	20	50
Olive-Shaped Golden Yellow. Skin golden yellow, oval-shaped, tender and mild.....	05	10	20	60
Long Scarlet Short Top. A standard variety, bright scarlet; grows about five inches long.....	05	10	20	50
Long White Vienna. Skin and flesh are pure white, crisp and of rapid growth.....	05	10	20	50
Giant White Stuttgart. A large white turnip Summer Radish, growing to a large size.....	05	10	20	50
White Summer Turnip. Large turnip-shaped variety...	05	10	15	50
Yellow Summer Turnip. A round, bronzy yellow Radish, very much in favor in the New York markets.....	05	10	15	50
Chartier. Long crimson, shaded white.....	05	10	15	50
White Strasburg. Roots oblong, pure white, mild flavor..	05	10	15	50
Celestial, or White Chinese. A large, white Radish, growing a foot in length.....	05	10	25	75
California Mammoth. Very large, white, Winter variety.	05	10	20	60
Rose China Winter. Bright rose color; flesh firm, about five inches long.....	05	10	20	50
Long Black Spanish. One of the heartiest, and best for Winter use	05	10	20	60

RHUBARB

Linnaeus. The earliest.....	05	20	50	1 50
Roots. Strong	Each 15c., doz., \$1.50.			

New Giant White French

SALSIFY

The Largest, Smoothest and Most Profitable in Cultivation



NEW GIANT
WHITE
FRENCH
SALSIFY

The roots are pure white, much larger than the Mammoth Sandwich Island Salsify. The flesh is fine-grained, tender and of a very agreeable, oyster-like flavor. The top remains in good condition until late the following Spring. Gardeners looking for a variety which grows larger than the Mammoth Sandwich Island will find this the true stock. **Pkt. 10c., oz. 20c., 1/4 lb. 60c., lb. \$2.00.**

Mammoth Sandwich Island (Improved) SALSIFY

Market gardeners will find this one of the largest, smoothest, and most profitable in cultivation. The top remains in good condition until late the following Spring. Roots pure white in color and twice the size of the ordinary Salsify sold as mammoth. **Pkt. 5c., oz. 15c., 1/4 lb. 35c., lb. \$1.00.**



EARLY WHITE BUSH SQUASH

SQUASH

Long Island White Bush. A decided improvement on the old variety, being much thicker in the center, and with little or no rim; a splendid market sort. **Pkt. 5c., oz. 15c., 1/4 lb. 35c., lb. \$1.00.**

SUMMER VARIETIES

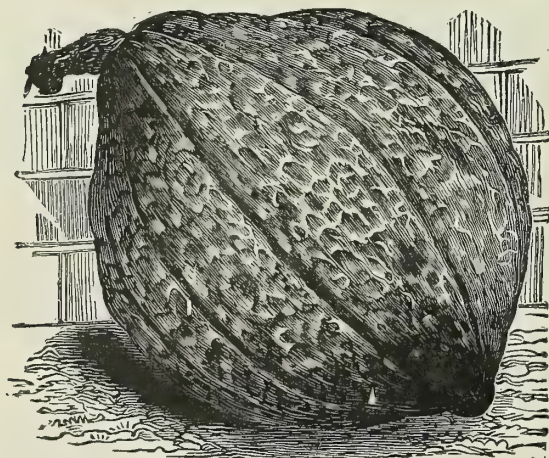
Yellow Bush Summer Crookneck. Early and prolific; quality and flavor good.....	05	10	20	60
Mammoth Summer Crookneck. Of healthy, compact, bushy growth, early, productive, and of fine quality.....	05	10	25	75
White Bush Scalloped. Creamy white skin; fine quality.....	05	10	20	50
Fordhook. Bright yellow skin, very sweet.....	05	10	20	75
Pineapple. A creamy white color, fine grained and excellent quality.....	05	10	20	60
Vegetable Marrow. Favorite English variety, bearing long, yellow fruits; flesh tender and delicious.....	05	10	25	80

AUTUMN and WINTER VARIETIES

Delicious (Gregory). The result of years of selection, primarily for quality.....	10	15	30	100
Early Prolific Marrow. An improvement over "Boston Marrow"; more productive; a good keeper.....	05	10	20	60
Delicata. Small, but prolific, and of rich flavor, dry and sweet.....	05	10	25	75
Essex Hybrid. One of the best for Fall and Winter use, bright orange; dry and delicious.....	05	10	20	60
Hubbard. An old favorite, still retaining its place as one of the best Winter Squashes.....	05	10	20	75
Golden Hubbard. Similar to Hubbard; skin is a golden red, heavily warted.....	05	10	25	80
Mammoth Chili. The largest of all Squashes; flesh rich and fine flavored.....	05	10	20	60
Warted Hubbard. Improvement on Hubbard; skin heavily warted.....	05	10	25	80

BOSTON MARROW SQUASH

A popular second early Squash for Autumn use; skin thin, reddish yellow; flesh dry, fine grained and delicious. **Pkt. 5c., oz. 10c., 1/4 lb. 20c., lb. 75c.**



BOSTON MARROW SQUASH

SPINACH

One ounce for
50 feet of drill

Giant Thick-Leaved SPINACH

One of the best market sorts. Produces large, thick, strong, green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. **Pkt. 5c., oz. 10c., ¼ lb. 15c., 1b. 25c., 10 lbs. and over 15c., 100 lbs. \$14.00.**

Belgium Evergreen Long-Standing SPINACH

Without a Doubt the Finest Long-Standing Spinach

It has large, dark green, thick leaves, and grows close to the ground. Will stand a great amount of hot weather before showing any tendency to run to seed and is an excellent variety for Wintering over, as it is very hardy, and holds its dark green color where other varieties turn yellow. We do not recommend it as an early Spinach. The demand by the market gardeners who know this variety has been so great for the past two seasons that we have been unable to supply the demand. We are growing a large quantity this season and hope to be able to fill all orders. **Pkt. 5c., oz. 10c., ¼ lb. 15c., 1b. 40c.**



SPINACH

	Pkt.	Oz.	¼ lb.	Lb.
Round-Leaved. A well-known sort, with thick, round leaves.....	\$0 05	\$0 10	\$0 15	\$0 25
Norfolk, Savoy-Leaved. Large, dark green leaves, closely crumpled	05	10	15	25
Long-Standing. An excellent compact variety; grows slowly, remains a long time fit to use before going to seed.....	05	10	15	25
Viroflay, Large Round-Leaved. A large, hardy variety.....	05	10	15	25
Hardy Winter. A new and superior Spinach, either sown in Spring for early Summer use or Fall sown for Winter use; very hardy.....	05	10	15	25
Mammoth Italian. An enormous yielder, and exceptionally good variety for standing the hot weather.	05	10	15	40
Victoria. Very heavy, broad, deep green leaves; fine quality; especially valuable for Summer use.....	05	10	15	25
New Zealand. Produces leaves in abundance; may be raised in heat and transplanted into good soil..	05	10	20	75



LARGE-LEAVED SORREL

SEA KALE

Leaf stalks are eaten boiled as Asparagus, having a fine flavor. From seed they will be fit to cut the third year

10 25 75 2 00

SORREL

Broad-Leaved French. The best of Garden Sorrels; large leaves of mild acid flavor; esteemed as salad, cooked as "greens".....

05 15 30 1 00

FIVE GRAND RED TOMATOES

WHICH WILL PRODUCE FRUIT FROM LAST OF JUNE UNTIL FROST
Stocks are Extra Selected, Grown by Experts and will please the most critical.

SPARK'S EARLIANA THE EARLIEST OF ALL Red Tomatoes

Sparks' Earliana is a wonderfully early and exceedingly prolific medium-sized, uniform, smooth and attractively shaped, bright scarlet tomato of great solidity and fine flavor. It is the earliest tomato grown, having been evolved through keen competition in a tomato-growing section in Southern New Jersey, where "first in market"—appearance and quality being inviting—secures the more profitable returns. The plant is of neat, moderate growth, but quite hardy, and well set with clusters of from 5 to 8 fruits, averaging 2½ inches through, nearly all ripening up remarkably early and evenly; of great value to the market gardener where early tomatoes are an object. (See cut.)
Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb., \$4.00.

KING OF THE EARLY TOMATO

An Extra Medium-sized Smooth Red Tomato

This new variety ripens with the early Ruby, but is larger, smoother and a heavier cropper. It is nearly as early as the Earliana, and not quite as large. The fruit is borne in clusters, and the vine having very little foliage allows the tomatoes to ripen early and to be planted close together. It is

TRIUMPH TOMATO

an excellent extra early sort and we highly recommend it. To get best results it should be planted in rich soil. **Pkt. 10c., oz. 40 c., ¼ lb. \$1.50, lb. \$5.00.**

CHALK'S EARLY JEWEL TOMATO

The best large, early red, smooth variety offered. This magnificent tomato was originated by Mr. James Chalk, a market gardener near Philadelphia. It is very early, good size, smooth and very prolific, and holds up in size until the end. It is very solid, of a beautiful red color, making it a good shipper. Mr. Chalk brings his tomatoes to market while others are bringing Atlantic Prize and Early Richmond, and he gets double the price for them. If you want the best early red tomato you will get it by planting this variety. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50, lb. \$5.00.**

SELECTED STONE TOMATO

Our stock is distinctly superior to most of that offered under this name, being more uniform, better colored and larger. Vines vigorous and productive. Fruit round, apple-shaped, very large, very deep red in color and astonishingly heavy. **Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. 2.50.**

THE TRIUMPH TOMATO

This is undoubtedly the Best Late Variety ever offered. It is larger than Stone and does not possess that acid flavor.

It is very solid, almost free from seed, has a bright red color, perfectly smooth, and ripens up to the stem end. It is very prolific for such a large tomato and is especially valuable for canning. Can highly recommend it as the best all-round red tomato. **Pkt. 10c., oz. 40c., ¼ lb., \$1.25, lb. \$4.00.**

CHALK'S EARLY
JEWEL TOMATO

For complete list of Tomatoes see page 32

A Page of Pink Tomatoes

ALL GROWN FROM EXTRA SELECTED STOCKS.

Early June Pink Tomato

A Pink Earliana

Seed grown for us by the originators. Will take the position of the pink varieties which Earliana now holds in the red sorts.

In habit of growth it is similar to the Earliana. The plant is compact, branches freely, with fruit hanging down in clusters of six to ten fruits both in the crown and at the forks of the branches. Shows no tendency to blight. Fruits are smooth of a pleasing pink, and in markets where a pink tomato is desired it will bring 25 per cent. more than any red variety. We predict that it will become a more popular variety than the Red Earliana. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.



"JUNE PINK" TOMATO.

Sutton's Gold Mine Tomato

A new second early variety of great merit. Sure to please all who plant it. A healthy, vigorous grower. Exceedingly prolific. Color rich pink

Fruit extra large in size, remarkably solid, smooth, and the size of the fruit is maintained to the end of the season. It is a superbly good shipper and fine keeper, being very solid and firm. It is among the earliest of the large, smooth sorts. A highly valuable variety for Southern growers, owing to the fact that it carries well long distances, coupled with the fact that we never knew it to show any evidence of blight, no matter where grown.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$4.00.

New Magnus Tomato

This is truly a wonderful Tomato in many respects. It is about the size of Beauty, and matures with it or a little earlier. The color is a deep pink. It is an enormous yielder, is perfectly solid and as smooth as an apple, ripening evenly up to the stem end. An excellent variety for medium, early or main crop, and all who planted it last year are highly pleased with it and pronounced it a wonderful Tomato.

Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Livingston's Globe Tomato

This is an early variety, being one of the first to ripen its fruits either in the greenhouse or outside. It is very smooth,

ripens its fruits evenly and the color is a glossy pink. The fruits are borne in clusters which insures a heavy crop. The quality is all that can be desired.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

"Duke of York" Tomato


OF SPECIAL VALUE TO FLORIDA GROWERS

One of the grandest Tomatoes recently introduced, color rich glossy pink, similar to our Sutton's Gold Mine, splendid cropper, round in shape, flesh very firm, large size, fine flavor. A leading feature of this superb variety is that it ripens its fruit more uniformly together than any known kind, whilst its profusion of clusters, averaging eight and ten large evenly formed clusters each, makes it conspicuously handsome. Ripens evenly to the stem, is a strong, healthy grower, not subject to rust or blight, is an enormous cropper, and produces until the vines are killed by frost, holding its size exceedingly well until the last picking. Quality the very best, very solid and meaty. It is in every way a desirable variety for market gardeners, as its beautiful appearance always insures an extra price. An excellent sort for late Summer and Fall. Plants should be "set out" earlier than other late sorts.

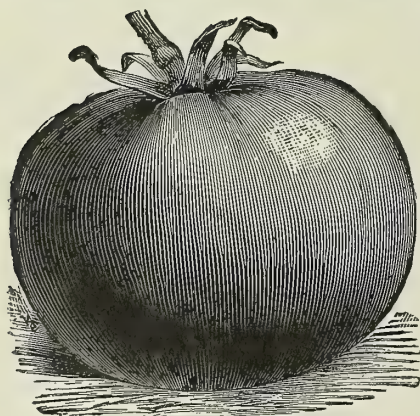
Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.00, lb. \$4.00.

For complete list of Tomatoes see page 32

TOMATOES—Continued—One ounce for 1000 plants


We make a
specialty of
Select
Tomato
Seeds...

Growers de-
siring the best
seed to be
had should
not fail to
send their
orders to us.



KING OF THE EARLY TOMATO

	Pkt.	Oz.	¼ lb.	Lb.
Acme. Well-known, early variety, smooth, prolific; color, purplish pink	\$0 05	\$0 20	\$0 60	\$2 00
Beauty. Prolific, smooth; color purplish red; the best of "purple" varieties	05	20	60	2 00
Burpee's Earliest Pink. An enormous yielder, bright pink in color, exceptionally solid, having broad, meaty heart. A money-maker	10	40	1 00	5 00
Chalk's Early Jewel. (See page 30.) The best large early red smooth Tomato ever introduced. Our annual sales of this variety are equal to all the other red varieties combined	10	40	1 50	5 00
Crimson Cushion. Of immense size; smooth, almost seedless and solid; continuous bearer until frost; color rich crimson scarlet	10	40	1 25	4 50
Duke of York. (See page 31.) One of the best pink Tomatoes for general crop. This stands blight better than any other Tomato. Just the kind for the Southern grower	10	40	1 00	4 00
Dwarf Champion. Of dwarf, upright growth, early and prolific; smooth, medium-sized fruits of pinkish purple color	10	30	85	2 75
Earliana. (See page 30.) The largest extremely early scarlet Tomato; size medium to large; of uniform shape, a thick, flat-round; solid, of handsome appearance; quality excellent; very prolific for such an early variety; of great value, both to the private and market gardener where early Tomatoes are an object.....	10	40	1 25	4 00
Favorite. A large uniform-shaped Tomato; solid, bright scarlet	05	25	60	2 00
Golden Sunrise. Large, smooth fruits, of a golden color; quality excellent; attractive for slicing and mixing with sliced red sorts.....	10	25	75	2 50
JUNE PINK. (See page 31.) The earliest pink Tomato grown. Seed grown by the originator.....	10	40	1 50	5 00
King of the Early. (See page 30.) A few days later than the Earliana, but larger and of a better color. Has always given the best of satisfaction.....	10	40	1 50	5 00
Livingston's Dwarf Stone. One of the best dwarf varieties ever introduced. Can be planted close. Fruits of a beautiful shade of red and a good size.....	10	25	90	3 00
Peach. Very distinct, resembling a peach in size, shape and color	10	25	75	2 50
Perfection. Smooth, tough skin of brilliant scarlet; solid and of rich flavor.....	05	25	60	2 00
Ponderosa. The largest-fruited Tomato grown.....	10	40	1 25	4 00
Stone. Very handsome, large, almost round, scarlet fruits, very solid and of fine quality; one of the best for cooking and canning; very prolific.....	05	25	75	2 50
Sutton's Gold Mine. (See page 31.) A second early variety; color rich pink. An elegant shipper.....	10	40	1 00	4 00
The Triumph. (See page 30.) One of the best late red varieties, growing larger than Stone, in some sections used exclusively as a general crop or late Tomato.....	10	40	1 25	4 00
Trucker's Favorite. Purplish red; solid.....	10	25	75	2 50

SMALL FRUITING VARIETIES

Esteemed for preserves, marmalade, etc.

Red Cherry. Bears clusters of bright red fruits, the size of a cherry; prolific	05	25	75	2 50
Red Pear-Shaped. Bright red fruits; pear-shaped neck.....	05	25	75	2 50
Yellow Plum. Round, yellow fruits.....	05	25	75	2 50
Strawberry, or "Husk" Tomato. Spreading plants, bearing yellow fruits, surrounded by a husk; for preserving.....	05	25	75	2 50

TURNIPS

One ounce for 100 feet of drill

AMERICAN PURPLE TOP
WHITE GLOBE TURNIP

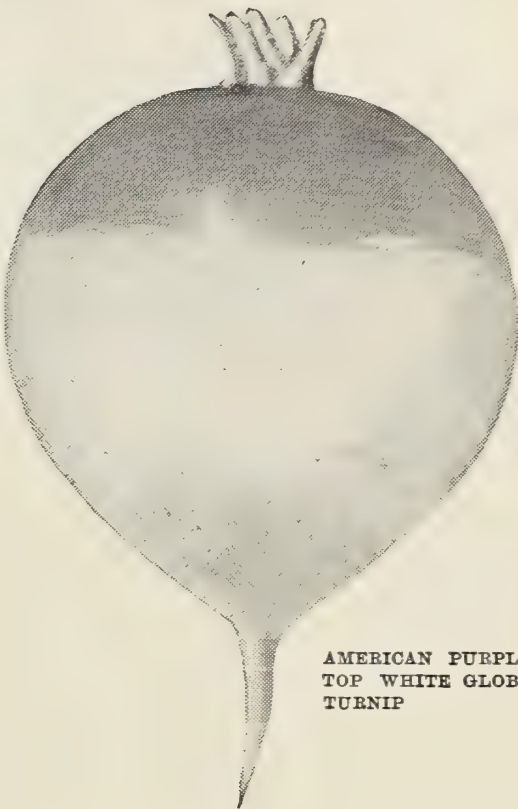
The Most Popular Variety of Turnips for the Market Either for Early or Winter Sales

The flesh and bottom are pure white, with a purple crown. This strain is grown for us by a Long Island market gardener from selected roots. It is the purest and most uniform of all Purple Top Globe Turnips and is a rapid grower; an excellent keeper. **Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.**

LONG ISLAND
IMPROVED RUTA BAGA

Our Choicest Stock Grows Entirely Without Neck and Very Small Top and Tap Root

Very quick growth, good globular shape, excellent table quality and best market variety. It is thoroughly fixed in type and entirely distinct from ordinary varieties which are used mainly for feeding stock. It has short leaves, grows clean and smooth as a Turnip. We pronounce this the best and most desirable Ruta Baga grown, and most earnestly commend this fine sort to all who grow for market. **Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.**



AMERICAN PURPLE
TOP WHITE GLOBE
TURNIP



LONG ISLAND
IMPROVED
RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Early Milan Purple Top. Earliest of all, white with purple top.....	\$0 05	\$0 10	\$0 20	\$0 60
Early Milan Pure White. Very handsome, pure white, and as early as the above; flesh very sweet and tender	05	10	25	75
White Egg. Oval, handsome and sweet.....	05	10	20	50
Early Snowball. Small, and of rapid growth; pure white	05	10	20	50
Purple Top Strap-Leaf. The popular Fall flat sort.	05	10	20	40
Purple Top Globe-Shaped. A standard sort in the New York market.....	05	10	20	40
Cow Horn. Long, white, in shape resembling a cow's horn	05	10	20	50
Yellow Globe. Good and sweet; keeps fairly well...	05	10	20	50
Yellow Stone. Fine, hard Winter sort.....	05	10	20	50
Golden Ball. Very handsome; keeps fairly well....	05	10	20	50
Yellow Aberdeen. Hardy, productive, and a good keeper	05	10	20	50



After making up your order for seeds, do not forget that you always need some garden implements or tools. Be sure to send us your order for these also.



ROSEMARY



POT MARJORAM

Seeds of Pot, Sweet and Medicinal Herbs

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Anise. Seeds aromatic and carminative.....	\$0 05	\$0 10	\$0 75	Hyssop. Has medicinal qualities.....	\$0 05	\$0 25	\$2 50
Balm. For culinary purposes.....	05	30		Lavender. For oil and distilled water.....	05	30	3 00
Basil. Dwarf or bush. Culinary herb.....	05	15	1 50	Marjoram. Pot. Used in seasoning.....	10	40	4 00
“ Sweet. Culinary herb used for flavoring soups, etc.....	05	15	1 25	“ Sweet. Used in seasoning.....	05	20	1 25
Bene. The leaves used for dysentery.....	05	10	80	Rosemary. Yields an aromatic oil and water	05	30	3 00
Borage. Leaves used as a salad.....	05	10	1 00	Rue. Said to have medicinal qualities.....	05	20	2 00
Caraway. Used in flavoring liquors and bread	05	10	60	Saffron. Used in medicine, and also in dyeing	05	10	75
Catnip. Has medicinal qualities.....	10	40	4 00	Sage. Common. A culinary herb; also used in medicine	05	15	1 50
Coriander. Seeds aromatic.....	05	10	50	Savory. Summer. Used as a culinary herb.	05	10	75
Cumin	05	10	80	“ Winter. Used as a culinary herb.	05	20	2 00
Dill. Seeds used for flavoring vinegar.....	05	10	50	Tansy. Generally used in bitters.....	10	75	
Fennel. Sweet. Seeds aromatic; for flavoring.	05	10	60	Thyme. Broad-leaved English. Used as a seasoning	05	25	2 50
“ Florence. In flavor resembling celery	05	15	1 25	Thyme. French	05	30	3 25
Henbane. Has medicinal qualities; poisonous	05	15	1 00	Wormwood. Has medicinal qualities.....	05	20	2 00
Horehound. Has medicinal qualities.....	05	25	2 50				

Vegetable Plants and Roots

	Per doz.	Per 100		Per doz.	Per 100
Asparagus Roots		\$1 00	Egg-Plant	\$0 30	\$2 00
Cabbage. All varieties.....	\$0 10	75	Pepper Plants	20	1 25
Cauliflower. All varieties.....	20	1 25	Rhubarb Roots	1 00	7 00
Horse-Radish Roots	15	75	Tomato Plants. All varieties.....	15	75
Lettuce Plants	10	75			

Bird Seeds, Etc.

Bird Manna. A fine tonic for all caged birds. Puts them in good condition. Also a great song restorer	Per pkg.	\$0 15	Maw Seed	Per lb.	\$0 20
Canary. Pure	Per lb.	10	Millet Seed	“	10
Cuttle Fish Bone.	Each	03	Mocking-Bird Food	Per pkg.	25
Hemp Seed	Per lb.	10	Rape, German	Per lb.	10
Lettuce Seed	“	25	Song Restorer, Sheppard's.	Per pkg.	25
			Sunflower Seed for Parrots.	Per lb.	10

Any of the above by mail add 8c. per lb. for postage. Special prices quoted for larger quantities.

FARM SEEDS

Prices of Farm Seeds Subject to Change Without Notice. Special Prices can often be made on Large Quantities

BUCKWHEAT

Should be sown broadcast about the middle of June.
One-half bushel will sow one acre.

New Japanese. It is a splendid yielder, being superior in this respect to the Silver Hull. It is from seven to ten days earlier, and makes better flour than any other kind of Buckwheat. Lb. 20c., bush. \$1.50.

Silver Hull. This variety is superior in every respect to the common kind. Bush. \$1.50.

BARLEY

Two bushels will sow one acre broadcast.

Vermont Champion. Two-rowed, early, hardy and prolific. Pk. 75c., bush. \$2.50.

Two-Rowed. Pk. 75c., bush. \$2.50.

ENSILAGE CORN

One and one-quarter to one and one-half bushels will sow one acre.

Sweet Fodder. Pk. 75c., bush. \$2.50.

Southern Horsetooth. For fodder. Pk. 50c., bush. \$1.75.

OATS

Two bushels will sow one acre broadcast.

Clydesdale. An early variety of White Oats; heavy cropper, early and productive. Pk. 50c., bush. (32 lbs.) \$1.50.

Probsteier. One of the most valuable varieties. It is very productive and heavy. Bush. (32 lbs.) \$1.25.

PEAS

One and one-half bushels per acre.

Canada Field. Very valuable for milch cows and ensilage in northern climates. Pk. 75c., bush. \$2.25.

Southern Cow. Largely grown in the southern states and in recent years in the northern states for fodder and plowing under. Price variable; about \$3.00 bush.

RYE

One and one-half bushels will sow one acre broadcast.

Mammoth Winter. A variety from Vermont; heavy cropper. Bush. \$2.00.

Winter. Hardy and prolific. Bush. \$1.50.

Spring. Splendid yielder. Bush. \$2.00.

WHEAT

One and one-half bushels will sow one acre broadcast.

Fultz (Winter). A standard sort; very reliable. Bush. \$2.00.

Saskatchewan Fife (Spring). Unequaled for earliness, yield and vigor. Bush. \$2.00.

MILLET

One bushel will sow one acre.

Common (Panicum Miliaceum). Bush. \$2.50.

German or Golden (Panicum Miliaceum Aureum). Medium early; height three to five feet; heads closely condensed; spikes very numerous. Bush. \$2.50.

Hungarian (Panicum Germanicum). Early; height two to three feet; abundant foliage and slender head; withstands drought, and yields well on light soils. Bush. \$2.50.

Japanese. Very productive. Makes fine fodder and when cured an excellent substitute for hay. Sow about 15 pounds to the acre. Lb. 15c., 100 lbs. \$10.00.

Pearl or Egyptian. Grows from 8 to 10 feet high. Sow 5 to 8 pounds per acre in drills 2 feet apart. Lb. 15c., 100 lbs. \$10.00.

RAPE

Sow 10 to 12 pounds per acre broadcast and 5 to 6 pounds per acre in drills 15 inches apart.

Dwarf Essex. For sheep pasture the Dwarf Essex Rape is invaluable. It may be sown in May and will be ready for pasturing in July. Lb. 10c., 100 lbs. \$7.00.

SUNFLOWER

Five pounds will plant one acre.

Mammoth Russian. One of the most profitable crops; the seeds being used for poultry feed, and leaves makes excellent fodder, being relished by all kinds of stock. Lb. 10c., 100 lbs., \$7.00.

SORGHUM

25 pounds per acre in drills.

Early Amber Sugar Cane. Its distinctive features are its earliness and great yield of both sugar and syrup. Culture the same as for corn. Lb. 15c., 100 lbs. \$6.00.

Early Orange Sugar Cane. A little later than the Amber. It does not succeed well north of latitude 43 degrees. Lb. 15c., 100 lbs. \$6.00.

Halapense (Johnson Grass). Sow 35 pounds to the acre. Lb. 20c., 100 lbs. \$14.00.

VETCHES

One and one-half bushels per acre.

Sand, Winter, or Hairy (Vicia Villosa). Produces good crops on poor sandy soils. Being perfectly hardy, it may be sown either in the Spring or Fall, mixed with oats or rye for support; height four or five feet; very nutritious and relished by all kinds of stock. Lb. 15c., 100 lbs. \$10.00.

Spring Tares (Vicia Sativa). Valuable for sowing for green fodder and soiling. Lb. 10c., 100 lbs. \$7.00.

SUNDRY FARM SEEDS

BROOM CORN. Evergreen. Free from crooked brush and remains green. Lb. 10c., 100 lbs. \$7.00.

POP CORN. The Pop Corns we offer are shelled. 10 lbs. and over will be supplied at the 100-lb. rate. If by mail, add 8c. lb for postage.

White Pearl. Smooth, large white grains. Lb. 10c., 100 lbs. \$7.00.

Amber Pearl. Very early, 8 to 10-inch ears; amber-colored kernels, popping white. Lb. 12c., 100 lbs. \$10.00.

White Rice, or Rat Tooth. Early, white-pointed kernels. Lb. 10c., 100 lbs. \$7.00.

KAFFIR CORN. Red. Fine forage for horses and cattle. Sow 5 pounds per acre. Lb. 15c., 100 lbs. \$6.50.

KAFFIR CORN. White. Excellent fodder plant, green or dried and the grain is valuable for feeding poultry. 4 to 5 ft. Lb. 10c., 100 lbs. \$6.00.

CASTOR OIL PLANT. From which the castor oil of commerce is produced. Oz. 10c., ¼ lb. 25c., lb. 70c.

FLAX. Qt. 25c., bush. \$4.00.

WILD RICE. (Zizania Aquatica.) Attracts wild fowl; grows in waters with mud bottom. Lb. 25c., 100 lbs. \$18.00.

FARM SEEDS—Continued

MANGEL-WURZEL

Six pounds will sow one acre.

- Champion Yellow Globe.** The finest globe variety; the bulb is of handsome form, clean single-tap root, and small foliage. $\frac{1}{4}$ lb. 15c., lb. 35c.
- Golden Tankard.** Flesh bright golden-yellow. $\frac{1}{4}$ lb. 15c., lb. 35c.
- Mammoth Long Red.** One of the largest and most profitable varieties grown for agricultural purposes. $\frac{1}{4}$ lb. 15c., lb. 35c.
- Long Red.** An excellent variety for feeding stock; a heavy cropper in deep soil. $\frac{1}{4}$ lb. 10c., lb. 25c.
- Yellow Globe.** A globular-shaped variety, adapted for growing in shallow soils. $\frac{1}{4}$ lb. 10c., lb. 25c.

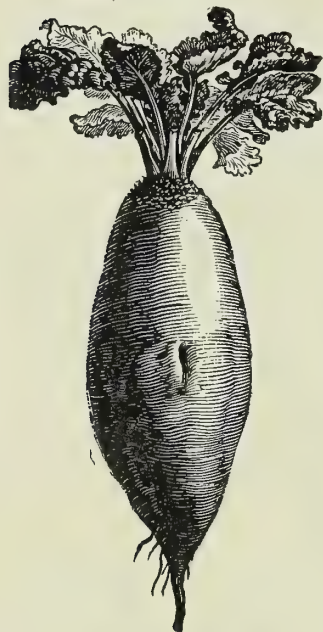
SUGAR BEET

- White Sugar Beet.** A heavy cropper, highly recommended for feeding purposes. $\frac{1}{4}$ lb. 15c., lb. 35c.
- Lane's Imperial Sugar Beet.** One of the best varieties for feeding cattle. $\frac{1}{4}$ lb. 15c., lb. 35c.

CARROT

Three pounds will sow one acre.

- Danver's Half Long Orange.** Very extensively cultivated both for market and agricultural purposes. $\frac{1}{4}$ lb. 25c., lb. 75c.
- Improved Long Orange.** For field crops this is the best variety grown. $\frac{1}{4}$ lb. 25c., lb. 75c.
- White Belgian.** Very extensively grown for feeding horses and cattle. $\frac{1}{4}$ lb. 25c., lb. 75c.



MAMMOTH LONG RED
MANGEL-WURZEL

PARSNIP

Six pounds will sow one acre.

- Ideal Hollow Crown.** Long, smooth and milky white; the most profitable for feeding stock. Lb. 50c.

TURNIP

Two to three pounds will sow one acre.

- Long White or Cowhorn.** A quick-growing, long-shaped variety. $\frac{1}{4}$ lb. 20c., lb. 50c.
- Purple Top, White Globe.** A globe-shaped variety valuable for feeding stock. $\frac{1}{4}$ lb. 20c., lb. 50c.
- Red Top Strap Leaf.** A well-known variety, extensively grown for stock. $\frac{1}{4}$ lb. 20c., lb. 50c.
- White Strap Leaf.** The best white variety. $\frac{1}{4}$ lb. 20c., lb. 50c.
- Yellow Aberdeen Purple Top.** A very hardy and productive variety, good for either table or stock. $\frac{1}{4}$ lb. 20c., lb. 60c.
- Yellow Globe.** The best yellow variety: it keeps well until late in the Spring, and is excellent for stock. $\frac{1}{4}$ lb. 20c., lb. 50c.

RUTA BAGA, Russian or Swedish Turnip

Two to three pounds will sow one acre.

- Champion Swede.** A handsome globe-shaped variety; the best for stock. $\frac{1}{4}$ lb. 20c., lb. 50c.
- Improved American.** A yellow-fleshed, purple top variety grown for stock. $\frac{1}{4}$ lb. 20c., lb. 50c.

FIELD CORN

Eight quarts will plant one acre in hills; three bushels will sow one acre broadcast or half that quantity in drills.

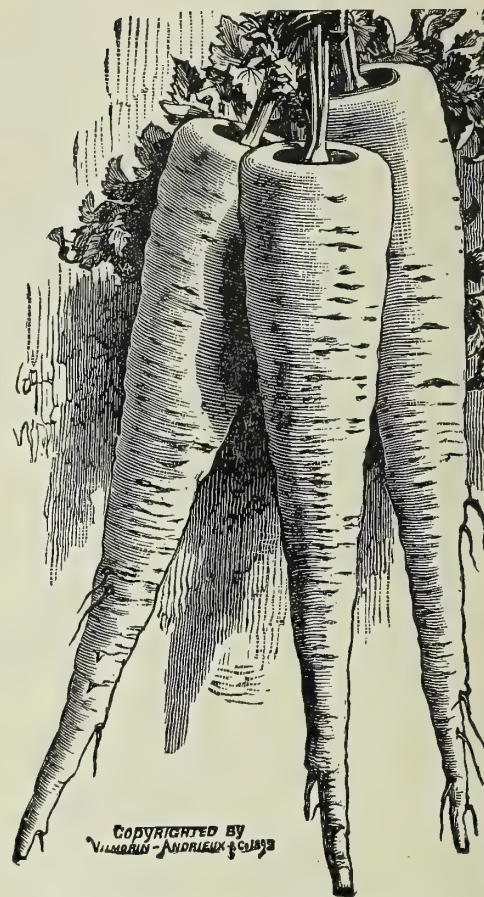
DENT VARIETIES

- Eureka.** The grandest Yellow Dent in cultivation. Qt. 20c., peck 65c., bush. \$2.00.
- Wood's Northern White Dent.** The earliest large White Dent. Qt. 20c., peck 75c., bush. \$2.50.
- Golden Beauty.** A large Golden Dent; exceedingly productive. Qt. 15c., peck 60c., bush. \$2.00.
- Hundred-Day Bristol.** Very early and productive; light yellow grain. Qt. 15c., peck 50c., bush. \$1.75.
- Leaming.** Low-set ears of good size; golden grain, productive. Qt. 15c., peck 60c., bush. \$1.75.

- Hickory King.** Largest grains and smallest cob of any white corn. Qt. 15c., peck 65c., bush. \$2.00.

FLINT VARIETIES

- Longfellow.** A large 8-rowed Yellow Flint; ripens as far north as Mass. Qt. 15c., peck 60c., bush. \$1.75.
- Compton's Early.** Earliest Yellow Flint, ripening in from 76 to 85 days. Qt. 15c., peck 50c., bush. \$1.75.
- Large White Flint.** Large, handsome, well-filled ears. Qt. 15c., peck 50c., bush. \$1.75.
- Large Yellow Flint.** (Early Canada Yellow.) Largely grown in the North. Qt. 15c., peck 50c., bush. \$1.75.



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VILLARD - ANDREWS & CO.

IDEAL HOLLOW CROWN PARSNIP



CRESTED DOG'S TAIL

Noll's Select List of Recleaned GRASSES AND CLOVERS

*All of our Grass and Clover Seeds are new crop, choicest quality,
of highest germination, and free from weed seeds. When
this superior grade is considered, our prices
will be found VERY LOW*

Prices subject to variation. - - Special quotations for large quantities



WOOD MEADOW

GRASSES

	Weight per bush.
AWNLESS BROME GRASS. (<i>Bromus Inermis</i> .) Will stand long droughts and produce heavy crops in dry sections.....	14 lbs.
CANADA BLUE GRASS. (<i>Poa Compressa</i> .) Useful for sowing on hard clay and poor soils	14 lbs.
CREeping BENT GRASS. (<i>Agrostis Stolonifera</i> .) Excellent for lawns; succeeds well in moist situations.	20 lbs.
CRESTED DOG'S TAIL. (<i>Cynosurus Cristatus</i> .) An excellent grass for hard, dry soils, valuable for pastures and lawns	21 lbs.
ENGLISH RYE GRASS. (<i>Lolium Perenne</i> .) A very nutritious, rapid-growing variety; valuable for meadows and pastures.	24 lbs.
HARD FESCUE. (<i>Festuca Duriuscula</i> .) One of the most desirable dwarf grasses, excellent for dry soils	12 lbs.
HUNGARIAN GRASS. (<i>Panicum Germanicum</i> .) This is a species of millet, growing less rank with smaller stalks, often yielding two or three tons of hay per acre. One bushel per acre...	48 lbs.
ITALIAN RYE GRASS. (<i>Lolium Italicum</i> .) A valuable European variety, adapted to any climate, and produces large and nutritive crops.....	18 lbs.
KENTUCKY BLUE GRASS. (<i>Poa Pratensis</i> .) Well known and extensively grown in all parts of the country.....	14 lbs.
MEADOW FESCUE. (<i>Festuca Pratensis</i> .) A valuable grass for permanent pastures, very productive and nutritious	22 lbs.
MEADOW FOXTAIL. (<i>Alopecurus Pratensis</i> .) One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock.	7 lbs.
ORCHARD GRASS. (<i>Dactylis Glomerata</i> .) A valuable pasture grass, adapted for growing in shady, moist places, under trees, etc.....	14 lbs.
RED or CREEPING FESCUE. (<i>Festuca Rubra</i> .) Valuable for lawns.	14 lbs.
RED TOP GRASS. (<i>Agrostis Vulgaris</i> .) Valuable for either pastures or lawns	14 lbs.
RHODE ISLAND BENT GRASS. (<i>Agrostis Canina</i> .) Excellent for lawns or pastures....	32 lbs.
SHEEP'S FESCUE. (<i>Festuca Ovina</i> .) An excellent grass for sheep pastures.	14 lbs.
SWEET VERNAL, TRUE PERENNIAL. (<i>Anthoxanthum Odoratum</i> .) It should be sown in connection with other grasses.....	12 lbs.
TALL MEADOW OAT GRASS. (<i>Avena Elatior</i> .) This is a valuable variety for pastures	10 lbs.
TIMOTHY. (<i>Phleum Pratense</i> .) A variety producing a profitable hay crop in almost any soil. ½ bushel per acre.....	10 lbs.
WOOD MEADOW GRASS. (<i>Poa Nemoralis</i> .) A very productive grass, adapted for lawns or pastures. Thrives well under trees.....	45 lbs.
	14 lbs.

CLOVERS

ALFALFA, or LUCERNE. (<i>Medicago Sativa</i> .) One of the most valuable forage plants	60 lbs.
ALSIKE, or HYBRID CLOVER. (<i>Trifolium Hybridum</i> .).....	60 lbs.
MAMMOTH RED, or PEA-VINE CLOVER. (<i>Trifolium Pratense Perenne</i> .) Grows much taller than Medium Red Clover.	60 lbs.
RED CLOVER, Medium. (<i>Trifolium Pratense</i> .) This is the common Red Clover so largely grown throughout the country.....	60 lbs.
SCARLET CLOVER. (<i>Trifolium Incarnatum</i> .) An annual variety producing large crops of green forage.	60 lbs.
WHITE CLOVER. (<i>Trifolium Repens</i> .) The best variety for lawns; valuable in permanent pastures.	60 lbs.

Prices on Grass

change so frequently that we are unable to quote a price by catalogue. Upon application we will be pleased to quote in small as well as in large quantities.

Lawns and Lawn Grass Seed

The proper time to sow grass seed depends, of course, upon the locality. In the central and eastern states from March 20 to April 20 is the best time. Seed may also be sown in the fall, provided it is done early enough to secure a good, strong growth before winter sets in. The sowing should be done when the ground is moist, and a subsequent rolling is always advisable.

As soon as the frost is out of the ground in the spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. If grass seed is to be sown, this should be done first and the rolling immediately afterward.

All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. Too close cutting should be guarded against, however, especially during the hot summer months, when the roots require some top-growth to protect them from the burning sun. A good top-growth is also necessary to protect the roots from severe winter frosts. Fertilize the **Lawn or Grass Plot**. Well fertilized ground stands the extreme drought much better than ground which is poor. We recommend **Noll's Perfection Lawn Dressing**, \$40.00 per ton, \$4.50 per 200-lb. sack, \$2.50 per 100 lbs. or 5 lbs. for 25c.



Noll's "Branch Brook Park" Lawn Grass Seed

Named after our new Branch Brook Park, where forty tons of grass seed have been sowed, and which we supplied in competition with the largest seed houses in this country, This mixture is made of the finest varieties, which produces an even, dense growth of permanent sward, as early in the season as it is possible to do. This mixture contains no annual grasses for quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, once established, need little reseeding for years. Some of the best lawns in Newark, the Oranges and vicinity have been produced from this seed, and we have no hesitancy in stating that no better lawn grass mixture can be had. While most lawn grass mixtures will not average over fourteen pounds to the bushel, this weighs twenty pounds per measured bushel.

The quantity required for making new lawns is five bushels per acre, and for renovating old lawns one to two bushels per acre. One quart is required for 200 square feet of new lawn.

Prices: 25c. per quart, 2 quarts 40c., 4 quarts 75c., peck \$1.25, bush. \$5.00. For other grass seed mixtures see inside back cover page.

GENERAL LIST OF NOLL'S SUPERIOR FLOWER SEEDS

For the convenience of customers we have numbered all the Flower Seeds, which saves a great deal of time and labor. For instance, if you wish one packet of Alyssum Carpet of Snow, order one packet No. 71, etc. Please be careful to give the correct number, as a mistake in the number would result in getting the wrong seeds.

Our list has again been carefully revised and all inferior varieties discarded. A Trial Order will convince anyone of the high quality and superiority of our varieties. Florists, especially, will find our seeds of unequalled quality.

ABUTILON

(Chinese Bell-Flower, or Flowering Maple)

Greenhouse shrubs of strong growth and easy cultivation, free-flowering, with beautiful drooping bell-shaped flowers.

- 15 **Magnificent New French Hybrids, Mixed.** Handsomest varieties only, comprising upwards of 25 sorts; make splendid blooming house plants for winter; 2 to 6 ft. Pkt. 10c., trade pkt. 30c., oz. \$3.00.

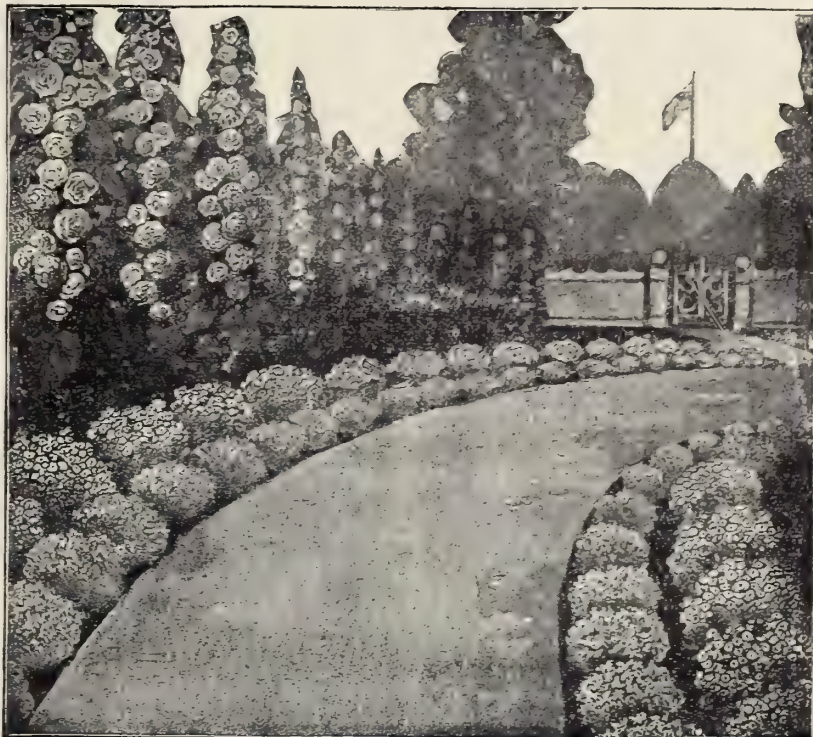
ACHILLEA

- 25 **The Giant Pearl.** Producing an abundance of charming, large, double, pure white flowers throughout the summer; splendid for cutting; excellent florist's flower; hardy perennial, of easy culture; 18 in. Pkt. 10c., trade packet 30c.

ALYSSUM

These flower profusely throughout the season, thriving in flower garden, window boxes, vases, etc.; also well adapted for ribbon lines and edgings; very fragrant; hardy annual.

- 70 **Sweet Alyssum.** White; trailing; the finest variety for cut flowers; 8 in. Pkt. 5c., trade pkt. 10c., oz. 20c.
71 **Carpet of Snow.** Pure white; grows only two to three inches high and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of snow-white flowers open on one plant at one time. The best sort for pot culture. Pkt. 10c., trade pkt. 20c., oz. 50c.
72 **A. Saxatile Compactum (Basket of Gold).** Beautiful golden yellow; 1 ft. Pkt. 5c., trade pkt. 10c.



A SUGGESTION FOR A BORDER.

In the outer row, Alyssum Little Gem; second row, Ageratum Blue Perfection and Hollyhocks behind.

AGERATUM

One of the leading plants for beds or borders and very useful where cut flowers are in demand; in bloom the whole summer; also good for winter blooming; annuals.

- 63 **Blue Gem.** Beautiful, large, dark blue flowers; finest blue variety for bedding and pot culture; 6 in. Pkt. 5c., trade pkt. 15c., oz. 50c.
64 **White Gem.** The best white variety for bedding or pot culture; 6 in. Pkt. 5c., trade pkt. 15c., oz. 50c.
65 **Mixed.** Pkt. 5c., trade pkt. 10c., oz. 35c.

AMARANTHUS

Ornamental foliage and flowering annuals of striking effect; they are of rapid growth, easy culture and very showy, with flower spikes of richly colored foliage. For semi-tropical gardening they are unique and effective; 3 ft.

- 80 **A. Caudatus (Love-Lies-Bleeding).** Long racemes of curious looking blood-red, drooping flowers. Pkt. 5c., trade pkt. 10c.
82 **A. Tricolor Splendens (Joseph's Coat).** Foliage very brilliant and showy; yellow, scarlet and green; a great improvement on A. Tricolor. Pkt. 5c., trade pkt. 10c.
83 **Mixed.** Comprising over 20 beautiful sorts. Pkt. 5c., trade pkt. 15c.

ANTIRRHINUM (Snapdragon)

One of our most showy and useful border plants. They succeed in any good garden soil, and are very effective in beds; will bloom until frost if seed pods are removed. Hardy perennials, blooming the first year.

- 120 **New Giant-Flowering, Mixed.** Embracing 12 of the most beautiful varieties, rivaling the finest orchids in color and markings. Extra quality; 2 ft. Pkt. 10c., trade pkt. 20c., oz. 60c.
121 **Tom Thumb, Finest Mixed.** Remarkably gorgeous colors, in endless variety, unsurpassed for beds, borders or pots; 10 in. Pkt. 10c., trade pkt. 20c., oz. 75c.
122 **Queen of the North.** The finest of all Snapdragons; forms an excellent plant one foot high, each plant occupies a space of one to one and one-half feet, and is densely covered with large white flowers. A beauty for beds and borders; also valuable for pot culture. Pkt. 10c., trade pkt. 15c., oz. 50c.
123 **Tall, Mixed.** Pkt. 5c., trade pkt. 15c., oz. 40c.



ANTIRRHINUM.

AQUILEGIA (Columbine)

Very handsome, ornamental hardy perennial plants, growing one to three feet high; of easy cultivation, and bearing in profusion large flowers of novel shape and in great variety of color.

133 Single, Mixed. Extra quality, embracing 20 beautiful sorts; 2 ft. Pkt. 5c., oz. 30c.

134 Double, Mixed. Comprising 25 of the handsomest and best sorts only; 18 in. Pkt. 5c., trade pkt. 15c., oz. 50c.

ARISTOLOCHIA

140 A. Elegans (Dutchman's Pipe). A rapid-growing climber; large heart-shaped foliage, and very curious brownish-purple flowers, resembling a pipe; hardy perennial; 30 ft. Pkt. 10c., trade pkt. 30c.

ASPARAGUS

146 A. Plumosus Nanus. This graceful climbing asparagus has foliage finer than that of the most delicate fern, and will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. Pkt. 15c., 100 seeds \$1.00, per 1000 \$8.00.

147 A. Sprengeri (Emerald Feather). One of the best plants to grow in suspended baskets, for greenhouse or for outdoors in the summer. The fronds frequently grow four feet long and are now considered indispensable in all fine decorations; grows readily from seed. Pkt. 10c., 100 seeds 30c., per 1000 \$2.00.



ASPARAGUS SPRENGERI.

QUEEN OF THE MARKET ASTERS

The earliest flowering variety.

175 White.

176 Pink.

177 Light Blue.

178 Dark Blue.

179 Crimson.

180 Mixed.

Each of the above, pkt. 10c., trade pkt. 20c., oz. 75c.

IMPROVED VICTORIA ASTERS

Undoubtedly the most handsome aster in cultivation, and we have an excellent strain of it. Flowers large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1 1/4 feet high.

200 Pure White.

201 Apple Blossom.

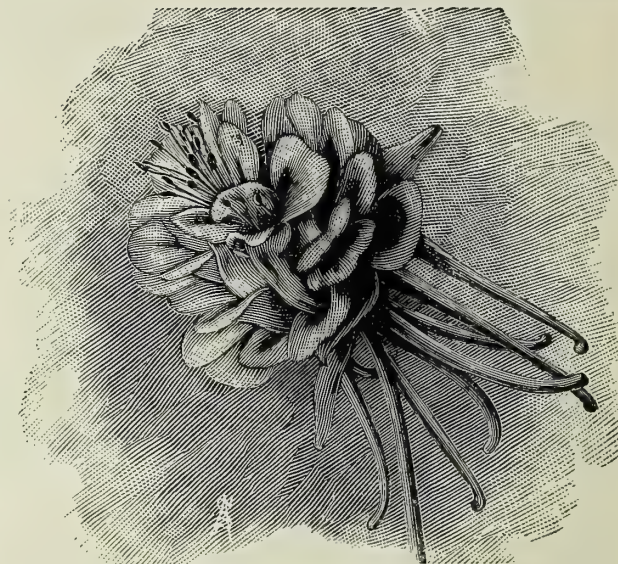
202 Light Blue.

203 Crimson.

204 Violet.

209 Above colors mixed.

Each of the above, pkt. 10c., trade pkt. 40c., oz. \$2.50.



DOUBLE AQUILEGIA.

Mammoth-Flowered Chrysanthemum Asters

These magnificent Asters we have secured from a celebrated Japanese aster specialist. They combine more points of merit than any other one class of asters, bearing extraordinarily large semi-spherical double flowers, averaging five inches in diameter, of the most symmetrical form. They are of great durability, the petals being of splendid substance, withstanding storms, rains and hot suns better than any other asters, coming through such vicissitudes as gloriously beautiful as ever. The plants form sturdy, compact bunches, and are remarkably regular in form and even in height, so that a row or bed of them presents an unbroken sheet of brilliant color. The finest tall class for either cut flowers or pot culture; height about 22 inches.

160 White. Handsome, pure satiny white, fine form.

161 Scarlet. Magnificent, glowing crimson-scarlet.

162 Peach Blossom. Extra fine, lovely bright rose.

166 Light Blue. Beautiful light azure blue.

Each color, pkt. 10c., trade pkt. 50c., oz. \$2.50.

170 Noll's Superb, Mixed. Pkt. 10c., trade pkt. 40c., oz. \$2.50.

OUR ASTERS are unequalled in quality, size and color.

All our Aster seed is grown by specialists of well-known renown, and florists can rely upon getting better varieties and colors and higher quality and greater perfection in form and doubleness from us than from any other seed establishment in America.

All Asters require very rich, light soil, and in hot, dry weather should be mulched with well-rotted manure, and frequently supplied with manure water.



MAMMOTH-FLOWERED CHRYSANTHEMUM ASTERS.



PEONY-FLOWERED ASTER.

- 262 Dwarf Asters. Many kinds and colors, mixed. Pkt. 5c., oz. \$1.50.
263 Large-Flowering Perennial Varieties, mixed. Pkt. 10c., trade pkt. 40c.

DOUBLE BALSAMS (Lady Slipper, or Touch-Me-Not)

Remarkable perfection now attained in this old favorite summer-garden annual; height, one and a half to two feet.

- 323 Extra Double, Mixed. Embracing a large variety of handsome, large double flowers. Pkt. 5c., trade pkt. 15c., oz. 50c.
324 Perfection Camellia-flowered, Superb Mixed. This strain is the highest point of perfection yet attained, the flowers being of immense size and faultless in form, composed of the finest varieties and most brilliant and charming colors only. Pkt. 10c., trade pkt. 30c., oz. \$1.50.



BALLOON VINE.

BALSAM APPLE (See Momordica)

BALLOON VINE

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed-vessels look like miniature balloons.

- 325 Balloon Vine (Cardiospermum)
Pkt. 5c., trade pkt. 10c., oz. 20c.

BEANS

- 330 Scarlet Runner. Rapid climber, fiery scarlet. Pkt. 5c., pint 20c., by mail 30c.

PEONY-FLOWERED ASTERS (Truffaut's)

One of the handsomest sorts. The plants grow from 18 to 24 inches high; the flowers are borne on long, wiry stems, are very large, from three to four inches in diameter, very double and in shape like a peony.

- | | |
|---------------------------------|---------------------|
| 210 Pure White. | 212 Pink. |
| 211 Gravelotte, deep blood red. | 213 Light Blue. |
| | 214 Purple, Violet. |

Each of the above, per pkt. 10c., trade pkt. 30c., oz. \$2.00.
223 Superb, Mixed. Comprising all the above and many other showy sorts. Pkt. 10c., trade pkt. 30c., oz. \$2.00.

SEMPLER'S LATE-FLOWERING BRANCHING ASTERS

Superior to any other class of late-flowering branching aster, lengthening the aster season until frost. The flowers are large, four inches across, are very double, of purest colors, and are borne on long stems. They begin blooming about the 1st of September. Strong growers. 18 inches to 2 feet high. Grand for cutting.

- | | |
|---------------|-----------------|
| 230 White. | 232 Indigo. |
| 231 Lavender. | 233 Shell Pink. |
- Each color, pkt. 10c., trade pkt. 25c., oz. \$1.50.

- 234 Mixed. Pkt. 10c., trade pkt. 25c., oz. \$1.50.

GIANT COMET ASTERS

Flowers of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose yet densely double half-globes. The plants attain a height of 15 inches, each plant bearing from 20 to 30 of these magnificent flowers on long stems, which gives them an added value for cutting for vases.

- | | |
|------------------|-----------------|
| 253 White. | 256 Azure Blue. |
| 254 Bright Rose. | 257 Crimson. |
| 255 Dark Violet. | 258 Mixed. |

Each, pkt. 10c., trade pkt. 30c., oz. \$2.00.

OSTRICH FEATHER ASTERS

This magnificent class bears some resemblance to the Comet, differing in the candelabrum form of growth and greater freedom of bloom, but its greatest merit is in the flowers, which are of immense size; made up of much longer, more loosely formed petals, equaling the best Japanese chrysanthemums. We offer two distinct and beautiful colors, viz.:

- | | |
|-----------------|---|
| 259 Pure White. | Pkt. 10c., trade pkt. 30c., oz. \$2.00. |
| 260 Pink. | Pkt. 10c., trade pkt. 30c., oz. \$2.00. |
- 261 Tall Asters. Many kinds and colors, mixed. Pkt. 5c., oz. \$1.50.



BALSAM, OR LADY SLIPPER.

BEGONIA

- 340 **Double Tuberous Rooted**, prize mixed. Very large flowers; unsurpassed quality. Pkt. 25c., trade pkt. \$1.00.
341 **Single Tuberous Rooted**, prize mixed. An unrivaled strain of curiously formed flowers saved from selected flowers of the largest and most brilliant colors only. Pkt. 15c., trade pkt. 50c.
342 **Vernon Grandiflora Dwarf**. A dwarf, compact habit, adapting it for many purposes for which the taller varieties are not suitable, such as edgings, etc. Large, bright red flowers. Pkt. 10c., trade pkt. 25c.

BROWALLIA (Amethys)

Handsome annuals, with blue and white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter if sown in August. 1 ft.

- 371 **B. Speciosa major**. A beautiful new large-flowering variety of the most brilliant ultramarine blue, especially valuable as a pot plant for winter and early spring flowering. Excellent florist's flower. Pkt. 10c., trade pkt. 25c.
372 **Mixed Colors**. Pkt. 5c., trade pkt. 15c., oz. 50c.

BRYONOPSIS (Laciniosa Erythrocarpa)

- 150 **A** beautiful summer climber with palmate ivy-like leaves of pale green color. Its yellow flowers are followed by pretty cherry-like green fruits, which change to bright scarlet, marbled with white. Very pretty for training over trellises, arbors, porches, fences, etc. The fruits are used for hair ornaments by the women of Japan. 10 ft. Pkt. 5c., trade pkt. 15c.

CALCEOLARIA

An ornamental plant, producing a mass of beautiful pocket-like flowers; a universal favorite for decorating the greenhouse or conservatory. Our strains can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring.

- 400 **C. Hybrida grandiflora pumila compacta**. 1 ft. Pkt. 25c., trade pkt. 75c.
405 **C. Hybrida robusta grandiflora**. Large, brilliant, self-colored and beautifully marked tigered flowers, mixed. Finest class for florists or exhibition purposes; an unrivaled strain. Pkt. 40c., half trade pkt. 60c., trade pkt. \$1.00.
410 **Cactus**. Choice mixed. Pkt. 10c., trade pkt. 35c.



CALENDULA.



CALLIOPSIS.



TUBEROUS-ROOTED BEGONIA.

CALENDULA

Remarkably profuse, dwarf, bushy annuals, blooming continuously and abundantly; of easy culture; indispensable for summer garden or for pot culture in the winter; 1 ft.

- 500 **Prince of Orange**. Flowers are about twice as large as any other (often four inches across), and perfectly double to the center. The plant is also very dwarf in habit, and produces its enormous blooms of a brilliant orange-red very freely, thus making it doubly valuable as a pot plant, and it is really one of the most satisfactory; 1 ft. Pkt. 5c., trade pkt. 15c., oz. 25c.
505 **Mixed**. Many beautiful sorts; 1 ft. Pkt. 5c., trade pkt. 15c., oz. 25c.

CANNA (Indian Shot Plant)

Highly ornamental plants, producing a rich effect by their large, broad and massive foliage and spikes of brilliant flowers. Soak the seeds 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

Large-Flowered Dwarf French

- 550 **Madame Crozy**. Dazzling scarlet, edged with golden yellow, very free bloomer and vigorous grower. Pkt. 10c., oz. 25c.
555 **Choice mixed**. Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

CALLIOPSIS, OR COREOPSIS

These beautiful "Bright Eyes" are showy summer bedding annuals, with large bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine cutting.

- 510 **C. Lanceolata grandiflora**. Very large flowers, averaging four inches across, of a bright golden yellow, produced in great profusion for a long period, fine for cutting, hardy, perennial; flower first year; 2 1/2 ft. Pkt. 5c., trade pkt. 15c., oz. 50c.
512 **Mixed**. Very showy, brilliant yellow, brown velvety crimson, blotched and striped sorts, excellent for borders, bloom of long duration, thrive anywhere, should be in every garden; this class embraces about twenty beautiful annual sorts; 1 to 2 ft. Pkt. 5c., trade pkt. 10c., oz. 25c.



CAMPANULA.

HARDY PERENNIAL VARIETIES

- 545 *C. sempervirens*. Profuse white blooming hardy perennial, coming in flower early in spring; much used for cemeteries, rockeries, etc; 1 ft. Pkt. 10c., trade pkt. 25c.
- 546 *C. Gibraltarica*. Very fine species, with white flowers, shading off to lilac. Pkt. 10c. trade pkt. 25c.

HARDY CARNATION

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable both for greenhouse culture in winter and for the garden in summer.

- 561 *Giant Marguerite, Scarlet*. Brilliant scarlet, extra double flowers; very desirable; 1 ft. Pkt. 10c., trade pkt. 50c., oz. \$3.00.
- 562 *Giant Marguerite, White*. Pkt. 10c., trade pkt. 40c., oz. \$2.50.
- 563 *Giant Marguerite, Mixed*. New perpetual flowering variety, blooming in four months from seed; beautiful colors of extra quality; very double and fragrant; 1 ft. Pkt. 5c., trade pkt. 25c., oz. \$1.50.



CASTOR OIL PLANT.

CAMPANULA (Canterbury Bells)

Well-known, beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive bell-flowers; thriving best in light, rich soil; some varieties flower the first season if planted early.

- 523 *C. Media*, single, mixed (Canterbury Bell); 2½ ft. Pkt. 5c., trade pkt. 10c., oz. 35c.
- 524 *C. Media*, double, mixed (Double Canterbury Bell); 2½ ft. Pkt. 10c., trade pkt. 25c., oz. \$1.50.

CANDYTUFT (Iberis)

An old favorite, flowering profusely throughout the whole season; great favorite for beds, edgings, pots and borders; the plants are very fairly covered with blossoms, and of the easiest culture; 1 ft. high.

ANNUAL VARIETIES

- 540 *Giant White Perfection*. Producing large, white trusses of branching habit, and very free-blooming; the finest annual sort for summer cutting. Pkt. 10c., trade pkt. 20c., oz. 50c.
- 541 *Little Prince*. The finest dwarf white. Pkt. 10c., trade pkt. 20c., oz. 50c.
- 542 *Gem Hybrids*. Mixed. A new type candytuft, forming dense, bushy pyramidal plants, which form a mass of large, showy flowers, lasting a long time. We consider it the most desirable candytuft in cultivation and are sure that all who grow it will be delighted with its chaste beauty. The very best sort for pot culture or bedding; white, pink, crimson and lilac, mixed; 6 in. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 543 *Empress*. White. Pkt. 5c., trade pkt. 10c., oz. 25c., lb. \$2.00.
- 544 *Mixed*. Crimson, purple, white, carmine and rose; fine early-blooming border-plants. Pkt. 5c., trade pkt. 10c., oz. 20c.



CARNATION.

- 564 *Double Early Flowering Dwarf Vienna*. Fine mixed. Pkt. 10c., trade pkt. 25c., oz. \$2.50.

CANARY BIRD VINE

- 530 Yellow flowers with ornamental foliage. A good winter bloomer in the greenhouse. It is one of the most beautiful of all climbers, its elegant foliage adding so much to the beauty of the blossoms, 10 ft. Pkt. 5c., trade pkt. 10c., oz. 50c.

CASTOR OIL PLANT (See Ricinus)

CELOSIA, OR COCKSCOMB.

Very popular annuals of the easiest culture, producing large, ornamental, comb-like heads. Not only are they highly prized for summer flower-beds, but they make fine pot-plants,

- 580 *Cristata, Giant Maxima, Dwarf*. Bright crimson combs, dark foliage, the finest red. Pkt. 10c., trade pkt. 50c.
- 584 *Cristata, Finest Mixed*. Saved from selected combs. Pkt. 5c., trade pkt. 25c.
- 585 *Plumosa Thompsoni Magnifica*. Improved feathered cockscomb. A big improvement on Plumosa as the combs are much larger and broader and the colors are more brilliant. Pkt. 10c., trade pkt. 25c.

CENTAUREA CYANUS

(Ragged Sailor, Cornflower or Blue Bottle)

A favorite annual. Largely used as a cut flower; 18 in.

- 603 *Large-Flowered, Deep Blue*. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 606 *Large-Flowered, Mixed*. Six shades. Pkt. 5c., trade pkt. 10c., oz. 20c.
- 607 *Large-Flowered, Double Mixed*. Pkt. 5c., oz. 30c.

CENTAUREA ODORATA (Giant-Flowering Cornflowers)

These may be described as gigantic cornflowers, and are of the same easy culture, succeeding everywhere. But as cut flowers they are greatly in advance of the old *Centaurea Moschata*, the flowers being from two to four inches in diameter, of graceful form and sweetly scented. A sowing made out of doors in April, May and June will furnish an abundance of bloom throughout the summer. They can always be sown indoors in January or February for Easter flowering.

- 608 **C. Chameleon.** Pale yellow on opening, turning to a beautiful rose color. Pkt. 10c.
609 **C. odorata.** Light blue, highly fragrant. Pkt. 10c.
610 **C. Margaritae.** Snow-white blossoms. Pkt. 10c.
611 **C. suaveolens** (Yellow Sweet Sultan or Grecian Cornflower). Very showy, large, bright-yellow flowers, sweetly scented. Pkt. 5c.
612 **The Above Mixed.** Pkt. 10c., trade pkt. 25c.

CENTAUREA (White-Leaved "Dusty Miller")

Fine for bedding, vases, hanging baskets and pots; extensively used for margins. Sow seed from December to April. Half-hardy perennials.

- 615 **C. candidissima.** Broad-cut foliage; 1 ft. Pkt. 10c., 500 s. 25c., 1000 s. 40c., oz. \$1.50.
616 **C. gymnocarpa alba.** Fine-cut foliage; 1½ ft. Pkt. 10c., trade pkt. 25c., oz. 60c.

CHRYSANTHEMUM

Showy and effective garden favorites. The hardy annuals are summer-flowering border plants; good for pot culture and quite distinct from the autumn-flowering varieties.

- 626 **Choice Mixed.** Single and double. Many beautiful sorts. Pkt. 5c., trade pkt. 10c., oz. 25c.
629 **Chinese and Japanese Autumn-Flowering Varieties.** This seed has been saved from a large, magnificent imperial collection; will bloom first year if sown early; hardy annual. Pkt. 10c., trade pkt. 50c.

CLEMATIS (Japanese Virgin's Bower)

Hawthorn-scented blossoms, a grand plant for piazzas, fences—in fact, any position where a climber is wanted. It is just the thing for covering terraces or embankments; does equally well in sunshine or shadow, and stands unrivaled as a plant for the cemetery.

- 660 **C. paniculata.** Autumn-blooming. Hardy perennial climbers; 25 ft. Pkt. 10c., trade pkt. 15c., oz. \$1.50.
661 **Jackman's Flowering Hybrids.** 15 ft. Pkt. 20c., trade pkt. 50c., oz. \$2.50.

CLEOME PUNGENS (Giant Spider Plant)

- 665 A robust plant, growing vigorously four to five feet high, unaffected by wind or weather, and flowering profusely for months. The flowers are very showy, with long, slender stamens, single petals measuring an inch across, and of a bright rose color. The long, slender seed-pods are carried upon still longer stipules, giving the effect of a many-legged spider, with the bright bunch of flowers as the head. It grows freely from seed, thrives luxuriantly, and blooms all summer. It is also one of the very best honey-producing plants. Pkt. 5c., trade pkt. 10c., oz. 35c.

COBAEA

Elegant, rapid-growing climbers, attaining a height of 20 to 30 ft.

- 680 **C. Scandens** (Blue). Pkt 10c., trade pkt. 15c., oz. 60c.



CINERARIA.



CLEMATIS.

CINERARIA

Our strain of cineraria seed is unsurpassed for beautiful variety, richness of color, as well as perfection of form and large size of flower. They are unequalled for profusion of bloom, size of flower and general excellence.

- 633 **Noll's Large-Flowering Half-Dwarf, Mixed.** The finest class for florists. Pkt. 40c., trade pkt. \$1.00.
634 **Choice Mixed.** Pkt. 25c., trade pkt. 50c.
635 **Stellata, Star Cineraria.** Very profuse, small-flowering variety for cutting and decorating purposes. 3 ft. Pkt. 25c., trade pkt. \$1.00.

COFFEA ARABICA (Coffee-Tree)

- 685 The coffee of commerce. Seeds should be sown in boxes indoors, about January or February, and planted out when all danger of frost is past. Pkt. 10c., 3 for 25c.

COLEUS

- 700 **Finest Hybrids, mixed.** Saved from a noted private collection of large-leaved sorts, with extraordinary and superbly rich markings. Pkt. 10c., trade pkt. 50c.

COTTON

- 711 The cotton plant is always interesting, particularly to the young people of the North. The large yellow Hibiscus-like flowers are followed by pointed pods, which on coming to maturity burst and display a profusion of white down, which forms the cotton of commerce. In the North, if the seeds are started early in a hotbed or in the house, the plants will produce mature pods before frost. Pkt. 10c.

ROYAL ENGLISH COWSLIPS

- 712 **Mixed.** Hardy; one of the most beautiful early-blooming spring flowers; fine for beds or pots, producing large umbels of magnificent flowers of intense brilliancy of color and great variety of marking, borne on stalks about 8 inches high. Many of the blooms are one inch across, of shades of crimson, maroon, lilac, pink, white, yellow, etc. Pkt. 10c., trade pkt. 50c.

CONVOLVULUS MAJOR
(Imperial Japanese Morning Glory)

721 **Mammoth Butterfly**, Japanese and Chinese. Comprising 40 brilliant colored sorts; they are exceedingly vigorous in growth, decorative in foliage, which is of various shades of green and silvery lustre, frequently variegated, while the flowers are nearly always of immense size, frequently six inches across; entirely new colors, such as ashy grays, slate color, bronzy reds, browns, shades of sea green, blues bordered with red, purples marbled with black, whites spotted with blue, flamed, streaked, marbled, fringed edges, and all of incomparable beauty. The double-flowering sorts are really superb and can hardly be described; 20 ft. Pkt. 10c., trade pkt. 15c., oz. 75c.

CONVOLVULUS MINOR (Dwarf Morning Glory)

They do not climb, but form bushy plants, which are a perfect mass of flowers. Handsome for baskets or borders, producing a very brilliant effect; 1 ft.

732 **C. Tricolor**, Finest mixed. 15 finest sorts. Pkt. 5c., trade pkt. 10c., oz. 15c.

CLIMBING MORNING GLORY

A fine, hardy and rapid grower, which always gives great satisfaction. They bloom early in the morning, and during the forenoon are brilliant with scores of beautiful flowers of various colors; 15 ft.

724 **Fine Mixed**. 25 fine varieties. Pkt. 5c., trade pkt. 10c., oz. 15c.

COSMOS

Beautiful autumn-blooming plants. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterward transplanted. When the plants are about a foot high the tops should be pinched out to induce a bushy growth, and this should be continued until the middle of July.

741 **New Mammoth-Flowering, Pearl**. A new beautiful white. Pkt. 5c., trade pkt. 15c., oz. 60c.

742 **New Mammoth-Flowering, Pink**. Pkt. 5c., trade pkt. 15c., oz. 60c.

743 **New Mammoth-Flowering Sanguineus**. Beautiful deep red. Pkt. 5c., trade pkt. 15c., oz. 60c.

744 **New Mammoth-Flowering, Yellow**. Pkt. 10c., trade pkt. 20c., oz. \$1.50.

745 **Superb, New Mammoth-Flowering**. New; flowers three to five inches across; in exquisitely beautiful shades of pink, crimson, red, white, yellow and dark maroon. Pkt. 10c., trade pkt. 30c., oz. \$1.00.

746 **Large-Flowering, Choice Mixed**. Pkt. 5c., trade pkt. 10c., oz. 25c.

747 **Early Summer-Flowering Cosmos**. The Cosmos has developed into one of our most beautiful garden annuals, and has been appropriately called "The Glory of Autumn." Unfortunately they do not bloom until quite late and sometimes in colder Northern States early frost catches them before they are fully in flower. This new strain of early-flowering cosmos, which we have been working up for several years, begins to bloom scatteringly in June, the quantity increasing gradually until August, and from that time until frost the plants are a mass of flowers. The plants are dwarfer than the late-flowering cosmos offered above, forming compact bushes only four feet high. The colors are white, crimson and pink, which we offer only in mixture.

Mixed Colors. Pkt. 10c., trade pkt. 25c., oz. 60c.

CYCLAMEN PERSICUM
GIGANTEUM

COSMOS.

Charming plants with beautiful foliage and rich-colored fragrant flowers; universal favorites for winter and spring blooming. This famous strain of giganteum varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage, and cannot be excelled.

770 **C. Alba, Pure White**. 100 seeds \$1.00.

771 **C. alba rubrum**. White, red eye. 100 seeds \$1.00.

772 **C. Purple King, Dark Red**. 100 seeds \$1.00.

773 **C. roseum, Pink**. 100 seeds \$1.00.

776 **C. giganteum, Mixed**. 100 seeds 75c., 1,000 seeds \$6.00.

777 **C. persicum, Mixed**. Pkt. 10c., 100 seeds 40c., 1,000 seeds \$2.50.

CYPRESS VINE (Ipomœa Quamoclit)

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers; annual; 15 ft.

780 **Crimson**. Pkt. 5c., trade pkt. 10c., oz. 25c.

781 **White**. Pkt. 5c., trade pkt. 10c., oz. 25c.

782 **Mixed**. Pkt. 5c., trade pkt. 10c., oz. 25c.

CYPERUS

785 **Alternifolius** (Umbrella Plant). Pkt. 10c., trade pkt. 40c.

DAHLIAS

790 **Large-Flowering**, extra double mixed. Saved from the largest and handsomest sorts only; 4 ft. Pkt. 10c., trade pkt. 50c.

791 **Tom Thumb**, extra double. Bouquet of Lilliputian, seed saved from the brightest colors only; 2 ft. Pkt. 10c., trade pkt. 30c., 1/4 oz. 75c.

792 **Cactus Dahlia**, double. Mixed colors. Quilled and curved petals, gracefully arranged in large heads of bloom. Pkt. 10c., trade pkt. 25c.

793 **California Giants**, single mixed. Composed of the rarest and brilliant colors only; 3 ft. Pkt. 10c., trade pkt. 25c.



CLUSTER OF SINGLE DAHLIAS.

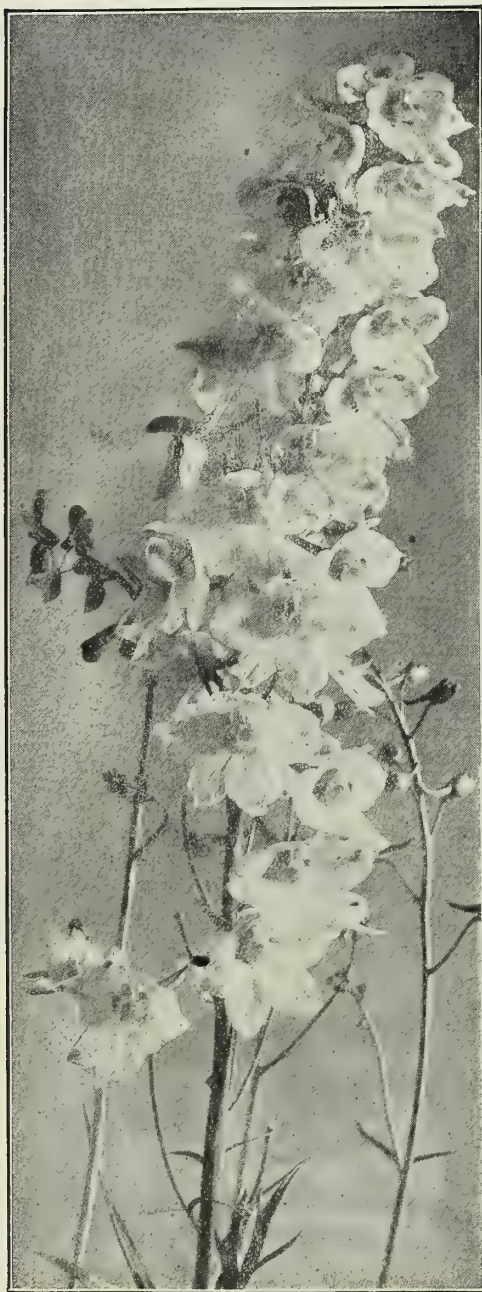
DAISY (*Bellis Perennis*)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest first-quality double flowers only. Daisies can be easily raised from the seed sown in the spring.

- 800 **Double Giant, Red.** Flowers densely double and unusually large, glowing red, shaded rose. Pkt. 10c., trade pkt. 50c., $\frac{1}{4}$ oz. 75c.
801 **Double Giant, White.** Unusually large double, pure white. Pkt. 10c., trade pkt. 50c., $\frac{1}{4}$ oz. \$1.00.
802 **Snowball.** Excellent white variety. Pkt. 10c., trade pkt. 50c., $\frac{1}{4}$ oz. \$1.25.
803 **Giant Double Mixed.** Very large densely double flowers; extra quality. Pkt. 15c., trade pkt. 50c., $\frac{1}{4}$ oz. \$1.00.
804 **Choice Double Mixed.** Extra quality large flowers. Pkt. 10c., trade pkt. 40c., $\frac{1}{4}$ oz. 75c., oz. \$2.50.

THE SHASTA DAISY (New Hardy Perennial)

- 806 An excellent perennial to be used either as a bedding plant or for cut flowers. The seeds germinate readily, plants grow fast and are free bloomers. The flowers measure three and one-half to four inches across and are borne on stems 18 inches to two feet long. They have two rows of long, broad white petals and a yellow center. It is a wonderfully effective bedding plant, blooming all through the spring and summer months. The flowers will keep in water for two weeks. Seed should be sown early in boxes indoors and transplanted. Pkt of 15 seeds 15c., trade pkt. 50c.



DELPHINIUM

DATURA (Angel Trumpet)

The Datura is a very interesting plant; branches freely, producing large trumpet-shaped flowers a foot or more in length. Sow seed in the open ground, or start early in pots and transplant; will bloom until frost; annual.

- 810 **D. Cornucopia** (Horn of Plenty). A magnificent variety: stems dark purplish maroon. The flowers average five inches across the mouth, the interiors being glistening French white, with purplish exteriors. Delightfully fragrant. Pkt. 10c., trade pkt. 20c.



DIGITALIS, OR FOXGLOVE.

DELPHINIUM (Perennial Larkspur)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed.

- 821 **D. formosum.** Brilliant blue, white center; $2\frac{1}{2}$ ft. Pkt. 10c., trade pkt. 25c.
822 **Hybridum, Double Mixed.** Choicest varieties only; very fine quality. Will bloom the first year if sown early. Pkt. 10c., trade pkt. 50c.

DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming so profusely as to almost uninterruptedly cover the plants until late in the autumn, rendering them one of the most beautiful and satisfactory of all annuals for summer flower gardens. Height about one foot.

- 840 **Single Annual.** Finest Mixed. Pkt. 5c., trade pkt. 15c.
841 **Double Annual.** Finest Mixed. Pkt. 10c., trade pkt. 25c.
842 **Double Perennial.** Finest Mixed. Pkt. 10c., trade pkt. 35c.

DIGITALIS (Fox Glove)

These, the well-known Fox Gloves, are one of the finest June flowers. Spikes of bloom two feet long are produced in abundance and are very fine; perennial.

- 861 **D. gloxiniaflora.** Mixed. Beautiful gloxinia, spotted white, purple, rose and yellow flowers, all extra fine large sorts; 3 ft. Pkt. 5c., trade pkt. 10c., oz. 50c.

DRACAENA (Excellent Vase Plant)

- 871 **D. australis.** Long, drooping, graceful foliage. Trade pkt. 25c., oz. \$1.00.
872 **D. indivisa.** Green foliage. Pkt. 5c., trade pkt. 15c., oz. 40c.

ECHINOCYSTIS (Wild Cucumber Vine)

- 900 **Lobata.** One of the quickest growing vines we know of; splendid for covering trellises, old trees and fences. Pkt. 5c., oz. 50c.



GAILLARDIA.

FERNS

960 Extra choice mixed. Pkt. 25c., trade pkt. \$1.00.

GERANIUM

991 Large-Flowering Scarlet. Pkt. 10c., trade pkt. 25c.

GODETIA (Satin Flower)

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers, three to four inches across, of white, rose, crimson, lilac and spotted; 1½ ft.

1033 *G. grandiflora*, finest, mixed. Comprising thirty handsome, large-flowered varieties. Pkt. 5c., trade pkt. 15c., oz. 50c.

GOURDS (Ornamental)

A large and interesting class, producing a great variety of curious fruits, many of which are peculiarly marked. All the fruits are hard-shelled, and will keep for years, exciting much attention.

- 1051 *Dipper Shaped* (Calabash). Pkt. 5c., trade pkt. 10c., oz. 30c.
- 1052 *Egg Shaped* (Japanese Nest Egg Gourd). Pkt. 5c., trade pkt. 10c., oz. 30c.
- 1053 *Hercules' Club*. Club shaped; 4 ft. long. Pkt. 5c., trade pkt. 10c., oz. 30c.
- 1054 *Orange Shaped*. Mock Orange. Pkt. 5c., trade pkt. 10c., oz. 30c.
- 1057 *Sponge or Dish Rag*. (Chinese Luffa). Pkt. 5c., trade pkt. 10c., oz. 30c.
- 1058 *Choice Mixed*. Including all the above; also gooseberry, lemon, apple, onion and pear varieties. Pkt. 5c., trade pkt. 15c., oz. 40c.

HELICHRYSUM (The Eternal Flower)

Valuable everlasting for winter bouquets.

1092 *H. grandiflorum*, Mixed. Comprising the brightest colored sorts only; 1½ ft. Pkt. 5c., trade pkt. 15c., oz. 50c.

ESCHSCHOLTZIA (California Poppy)

These are very easily grown, as they flourish in any situation, and are very profuse bloomers. The foliage is finely cut and perfectly elegant; annual; 1 ft.

- 910 *E. californica*. Beautiful, large, rich yellow. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 911 *E. The Golden West*. Flowers measure three and one half to six inches across, and are bright yellow and orange. Some are flat and wide open, some saucer-shaped, others very deep, with flaring edges. In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine penciled lines. Gorgeous beyond description. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
- 912 *Rose Queen*. Pink, very fine. Pkt. 5c., oz. \$1.00.
- 913 *Carminea*. Red. Pkt. 5c., oz. 50c.
- 914 *Double White*. Pure white. Pkt. 5c., oz. 50c.
- 915 *Double Pink*. Beautiful shade. Pkt. 10c., oz. \$1.50.
- 916 *Single and Double, Mixed*. Handsome colors only. Pkt. 5c., trade pkt. 15c., oz. 40c.

EUPHORBIA (Snow on the Mountain)

940 *E. variegata*. Attractive foliage, with white and green bracts, veined and margined white; annual; 2 ft. Pkt. 5c., trade pkt. 10c., oz. 25c.

GAILLARDIA

Very showy and worthy a place in every garden, though they are as yet little cultivated. They always attract attention by their gay colors; 1½ ft.

980 *G. picta Lorenziana*. Very free flowering, extra double, large round heads composed of 30 to 50 flowers; fine shades of orange, claret, amaranth, sulphur, etc., mixed; annual. Pkt. 5c., trade pkt. 15c., oz. 50c.

HARDY PERENNIAL VARIETIES

981 *G. grandiflora compacta*. New compact growing variety forming bushy plants 12 to 15 inches high, and bearing its long stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. Pkt. 10c., trade pkt. 25c.

FUCHSIA (Lady's Eardrops)

950 A well-known plant of easy culture, for the house or shady situations in the garden. The seed we offer is saved from the finest single and double named sorts. Pkt. 25c.

GOMPHRENA (Bachelor's Button)

Globe-shaped, everlasting flower; fine for borders.

- 1040 *White*. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 1041 *Pink*. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 1042 *Purple*. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 1043 *Striped*. Pkt. 5c., trade pkt. 10c., oz. 25c.
- 1044 *Mixed*. Pkt. 5c., trade pkt. 10c., oz. 25c.

GYPSOPHILA

Pretty free-flowering, elegant plants for rock-work, baskets, edgings and borders.

1080 *Paniculata* (Baby's Breath). White flowers, fine for bouquets; hardy perennial; 2 ft. Pkt. 5c., trade pkt. 15c., oz. 40c.

1081 *Elegans, Mixed*. Hardy annual. Pkt. 5c., trade pkt. 10c., oz. 25c.



ORNAMENTAL GOURDS.

HELIOTROPE

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower.

1100 Lemoine's Giant. Originated with the famous French hybridizer. Of robust growth and produces heads of flowers double the size of the old sort. Pkt. 10c., trade pkt. 50c.

1101 Fine, Mixed. From a large collection; 2 ft. Pkt. 5c., trade pkt. 25c.

HOLLYHOCK (Hardy Perennial)

The seed offered has been saved from strong healthy plants, and from the finest double flowering strain.

1132 Pure White. Pkt. 10c., trade pkt. 30c.

1133 Pink. Pkt. 10c., trade pkt. 30c.

1134 Salmon Rose. Pkt. 10c., trade pkt. 30c.

1135 Scarlet. Pkt. 10c. trade pkt. 30c.

1136 Yellow. Pkt. 10c., trade pkt. 30c.

1137 Noll's Selected, Mixed. An excellent strain containing only the large-flowering, full double varieties of the brightest colors. Pkt. 10c., trade pkt. 30c.

1138 Choice Double, Mixed. Pkt. 5c, trade pkt. 20c., oz. \$1.00.

HYACINTH BEAN

1150 Dolichos, Mixed. Climber; white and purple; 10 ft. Pkt. 5c., trade pkt. 10c., oz. 20c.

HUMULUS, or JAPAN HOP

1110 H. variegata. Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The leaves are green, blotched white, and they make a dense covering. Heat, drought and insects do not trouble it. Pkt. 10c., oz. 50c.

ICE PLANT (See Mesembryanthemum)

IPOMOEA

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors or stumps of trees they are invaluable.

1183 Hybrid Moon Flower. The most rapid growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white fragrant flowers, many of them measuring over seven inches across. Pkt. 10c., trade pkt. 20c., oz. 50c., lb. \$6.00.



KENILWORTH IVY.

IMPATIENS (French Lady Slipper)

Most beautiful and useful flowering plant, producing waxy bright flowers almost continually, winter and summer; tender perennial.

1170 I. Sultana Hybrids. Brilliant rose, pink and scarlet flower; 1 ft. Pkt. 10c., trade pkt. 50c.

KENILWORTH IVY

A charming, small, neat, hardy perennial, trailing plant, blooming first year; suitable for baskets, vases, pots and rock-work; clings to walls, etc.

1220 Linaria cymbalaria ericoides. Lavender, white and purple. Very large-flowering sort. Pkt. 10c., trade pkt. 30c.

LANTANA

One of the most desirable half hardy, perennial greenhouse or bedding plants, constantly in bloom, verbena-like heads, and changing in hue; 2 to 5 ft.

1230 Large-flowering Hybrids, Mixed. Pkt. 10c., trade pkt. 15c., oz. 30c.

LATHYRUS

(Hardy or Everlasting Pea)

A beautiful, hardy climber, resembling the sweet pea, growing six to eight feet high when trained on a trellis; the flowers are borne in large clusters.

1250 L. latifolius. White. Pkt. 10c., trade pkt. 15c., oz. 40c.

1251 L. latifolius. Scarlet. Pkt. 10c., trade pkt. 15c., oz. 40c.

1252 L. latifolius. Mixed. White rose and scarlet; 5 ft. Pkt. 5c., trade pkt. 10c., oz. 25c.

LARKSPUR

Popular annuals for summer garden decorations. The splendid flowers are of varied colors and are borne on long spikes; blooming within a few weeks' time.

1253 Giant Rocket, Mixed. A much improved type, the flowers being larger than the old varieties, very double and the colors very beautiful, comprising white, rose, gray, red, violet, indigo, etc. Pkt. 5c., trade pkt. 30c.

For Perennial Varieties, see Delphinium.

LAVENDER

1265 L. fransans. An ornamental hardy perennial, bearing long spikes of fragrant blue flowers; 1 to 2 ft. Pkt. 5c., oz. 15c.



HUMULUS OR JAPAN HOP.



PERENNIAL LARKSPUR

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WILLIAM J. HARRIS & CO. 1893

LINUM

- 1270 **Coccineum** (Scarlet Flax). One of the most effective and showy bedding plants of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Pkt. 5c., oz. 25c.
1271 **Flavum**. Yellow. Pkt. 5c., oz. \$1.25.

LOBELIA (Compact Varieties for Bedding)

- 1290 **L. oculata**. Dark blue, clear white eye. Pkt. 10c., trade pkt. 30c.
1291 **White Gem**. Pure white. Pkt. 10c., trade pkt. 25c.
1292 **Rose pink**. Pkt. 10c., trade pkt. 25c.
1297 **Mixed**. Pkt. 5c., trade pkt. 25c.

TRAILING VARIETIES

- 1300 **Barnard's Perpetual**. Deep blue, white eye. Pkt. 10c., trade pkt. 30c.
1305 **Mixed**. Pkt. 5c., trade pkt. 25c.

HARDY PERENNIAL LOBELIAS

Tall-growing hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 ft. The most brilliant plants in cultivation.

- 1310 **L. cardinalis** (Cardinal Flower). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 ft. Pkt., 10c., trade pkt. 50c.
1311 **L. cardinalis hybrids**. Flowers large and resemble *Cardinalis*, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; 2 ft. Pkt. 25c., trade pkt. 75c

MARIGOLD

This flower, so popular of old, has been greatly improved of late years, and again is a leading garden favorite. Its large double blossoms are very showy. The varieties we offer below will delight the eye of anyone.

- 1352 **Double African, Mixed**. Finest sorts only; 18 in. Pkt. 5c., trade pkt. 10c., oz. 25c.

FRENCH VARIETIES

- 1356 **Superba, Dwarf Mixed** (Lilliput). Remarkably beautiful, bright and distinct sorts; the best class for pots; 1 ft. Pkt. 10c., trade pkt. 20c., oz. 60c.
1357 **Dwarf French, Mixed**. 1 ft. Pkt. 5c., trade pkt. 10c., oz. 25c.

MARVEL OF PERU (Four O'Clocks)

One of the most brilliant and showy of annuals. Planted in beds or masses, their compact growth, rich, glossy, gold-striped leaves, together with their profusion and diversity of bloom, present a gorgeous sight during the afternoon; 2 ft.

- 1365 **Mirabilis Jalapa**, Variegated. Pkt. 5c., trade pkt. 10c., oz. 25c.



MIGNONETTE



MARIGOLD.

MATRICARIA (Feverfew)

Free flowering hardy plants, succeeding in any garden soil; a fine bedding plant for pot culture, blooms until frost; hardy annual; fine for cut flowers; 18 in.

- 1375 **White**. Very double; 1½ ft. Pkt. 5c., trade pkt. 10c., oz. 30c.

MAURANDIA

Started early, and planted out in May, this makes one of the finest of all climbers. It trails beautifully over fences and walls, and its dense, green foliage is not killed by the first fall frosts, and is gay with a profusion of blossoms; 15 ft.

- 1380 **M. Barclayana**. Blue. Pkt. 10c., trade pkt. 25c., oz. \$1.25.
1381 **Mixed**. White, blue, red and purple; 15 ft. Pkt. 10c., trade pkt. 25c.

MESEMBRYANTHEMUM

Known as ice plant and dew plant. Elegant trailing plants, desirable for hanging pots or vases.

- 1390 **Crystallinum, Mixed**. Leaves glisten like ice, flowers pink, white and purple. Pkt. 5c., trade pkt. 10c., oz. 30c.

MIGNONETTE (Reseda Odorata)

This deliciously fragrant flowering plant is the most popular annual grown. Mignonette does best in as cool a situation as possible. When exposed to the full force of summer heat it begins to form seeds.

- 1400 **Paris Market**. Red flowered. Excellent for pots. Pkt. 10c., trade pkt. 20c., oz. 60c.
1401 **Matchet**. Selected strain. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
1402 **Goliath**. Enormous trusses of red double flowers; extra fine, new. Pkt. 10c., trade pkt. 50c.
1403 **Allen's Defiance**. Fine for cutting. Pkt. 10c., trade pkt. 25c., oz. \$1.00.
1404 **Bismarck**. New improved Matchet. Pkt. 10c., trade pkt. 25c., oz. \$1.50.
1409 **Mixed**. Fine sorts. Pkt. 5c., trade pkt. 10c., oz. 30c.

MOMORDICA (Balsam Apple and Balsam Pear)

Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective; 15 to 20 ft.

- 1450 **M. balsamina** (Balsam Apple). Orange fruits. Pkt. 5c., oz. 30c.
1451 **M. charantia** (Balsam Pear). Coppery scarlet colored fruits. Pkt. 5c., oz. 30c.

MIMULUS (Monkey Flower)

Mimulus makes admirable pot plants, and equally adapted for beds in the garden, in semi-sunny positions. The colorings and markings are rich in the extreme, ranging through velvety crimson-maroon, yellow, white and pink, spotted and blotched in a beautiful manner.

- 1430 **Mammoth Perfection, Mixed.** New; very large-flowered, tigered and spotted; unequaled for large size and brilliancy of colors; very beautiful; 1 ft. Pkt. 10c., trade pkt. 30c.

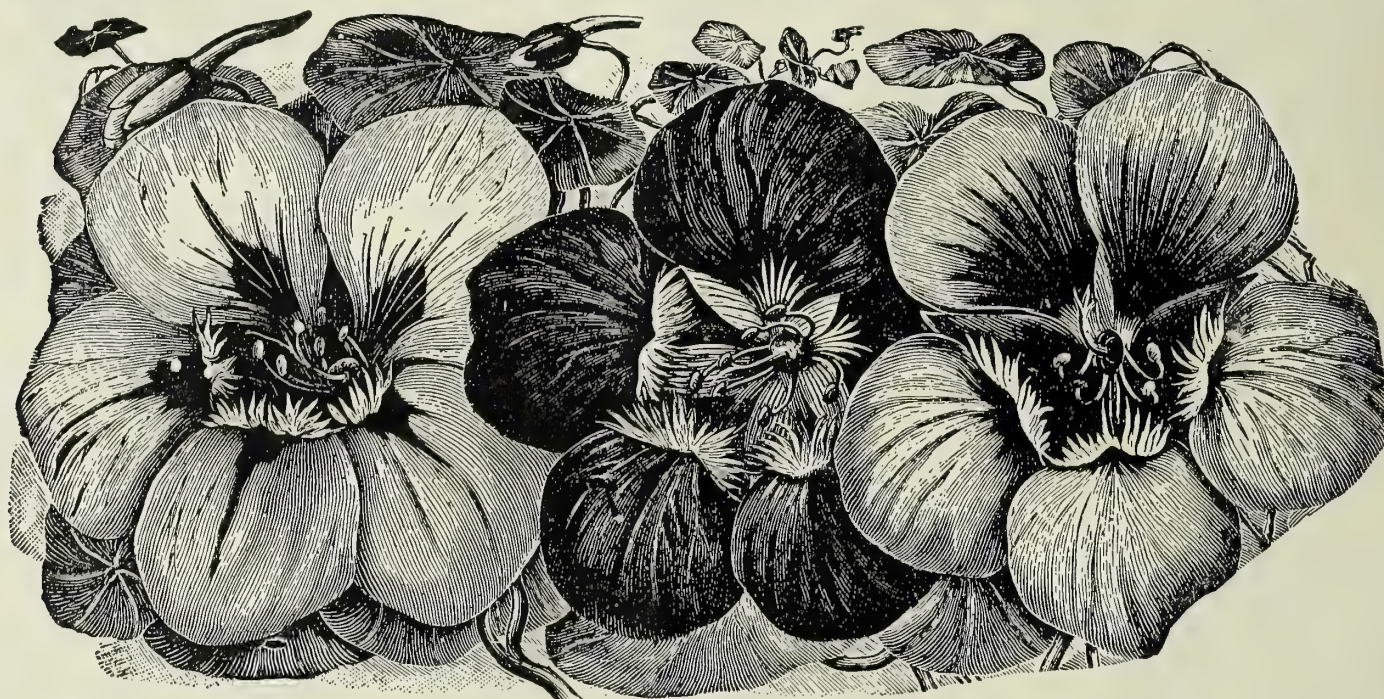
MUSK PLANT

- 1434 **Moschatus compactus.** Best for pots and borders. Pkt. 10c., trade pkt. 30c.

MYOSOTIS (Forget-Me-Not)

Neat and beautiful little plants, succeeding best in a shady, moist situation. Half-hardy perennials, blooming the first year from seed if sown early.

- 1480 **M. robusta grandiflora.** Very large, bright blue flowers, pyramidal habit; 10 in. Pkt. 10c., trade pkt. 30c.
1481 **M. alpestris Victoria.** Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of 8 to 10 ins., and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., trade pkt. 30c., oz. \$1.50.
1482 **M. palustris semperflorens grandiflora.** The most desirable sort for cutting, greenhouse use or summer flowering. Pkt. 10c., trade pkt. 50c., oz. \$3.00.
1485 **Mixed.** All sorts. Pkt. 5c., $\frac{1}{4}$ oz. 20c., oz. 60c.



NOLL'S LARGE-FLOWERING NASTURTIUM.

TALL OR CLIMBING NASTURTIUMS

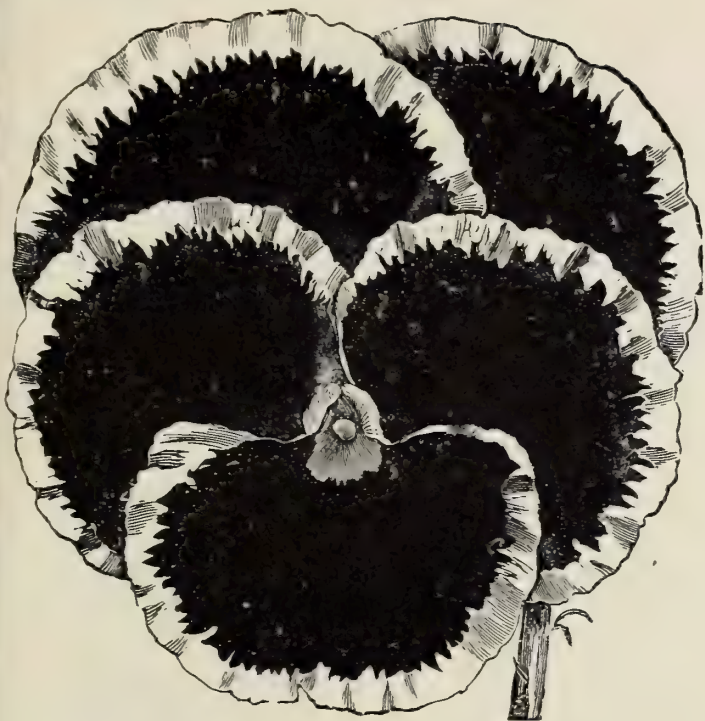
Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost; six to ten feet.

- 1500 **Atropurpureum.** Crimson. Pkt. 5c., oz. 15c.
1501 **Coccineum.** Scarlet. Pkt. 5c., oz. 15c.
1502 **Golden-Leaved.** Scarlet, yellow foliage. Pkt. 5c., oz. 15c.
1503 **Hemisphaericum.** Orange. Pkt. 5c., oz. 15c.
1504 **King Theodore.** Crimson, blue foliage. Pkt. 5c., oz. 15c.
1505 **Pearl.** Creamy white. Pkt. 5c., oz. 15c.
1506 **Prince Henry.** Light yellow, marbled scarlet. Pkt. 5c., oz. 15c.
1507 **Schulzi.** Scarlet, very dark foliage. Pkt. 5c., oz. 15c.
1508 **Vesuvius.** Salmon, blue foliage. Pkt. 5c., oz. 15c.
1509 **Saturn.** Velvety-crimson, very large. Pkt. 10c., oz. 25c.
1510 **Jupiter.** Deep golden yellow. Pkt. 10c., oz. 25c.
1511 **Noll's Superb Large-Flowered, Mixed.** Comprising 21 novelties of a famous English raiser, offered by us exclusively, distinguished by vari-colored foliage and flower of great richness and variety of coloring. Pkt. 10c., oz. 25c.
1512 **Choice Mixed.** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 75c.

TOM THUMB OR BEDDING NASTURTIUMS

For showy and constant bloom few garden flowers equal the dwarf nasturtium, which, by the way, has been greatly improved during the past few years in color and habit of growth. They are sure to bloom from early summer until killed by frost. No garden can be complete without a fair representation of them; 8 to 12 inches.

- 1513 **Aurora.** Rosy salmon, blotched garnet. Pkt. 5c., oz. 15c.
1514 **Beauty.** Yellow and scarlet. Pkt. 5c., oz. 15c.
1515 **Bronze.** Coppery bronze. Pkt. 5c., oz. 15c.
1516 **Chameleon.** Crimson and yellow. Pkt. 5c., oz. 15c.
1517 **Coccineum.** Light scarlet. Pkt. 5c., oz. 15c.
1518 **Cloth of Gold.** Scarlet-yellow foliage. Pkt. 5c., oz. 15c.
1519 **Crystal Palace Gem.** Sulphur, spotted maroon. Pkt. 5c., oz. 15c.
1520 **Empress of India.** Dark crimson, blue foliage. Pkt. 5c., oz. 15c.
1521 **Golden King.** Golden maroon blotches. Pkt. 5c., oz. 15c.
1522 **Golden Queen.** Yellow foliage. Pkt. 5c., oz. 15c.
1523 **King of Tom Thumbs.** Dark scarlet, dark leaved. Pkt. 5c., oz. 15c.
1524 **King Theodore.** Garnet, blue foliage. Pkt. 5c., oz. 15c.
1525 **Lucky Bird.** Orange, spotted red. Pkt. 5c., oz. 15c.
1526 **Luteum.** Clear yellow. Pkt. 5c., oz. 15c.
1527 **Pearl.** Creamy white. Pkt. 5c., oz. 15c.
1528 **Prince Henry.** Light yellow, marbled scarlet. Pkt. 5c., oz. 15c.
1529 **Regelianum.** Purplish violet. Pkt. 5c., oz. 15c.
1530 **Rose.** Soft rose. Pkt. 5c., oz. 15c.
1531 **Ruby King.** Ruby red. Pkt. 5c., oz. 15c.
1532 **Vesuvius.** Salmon, bluish foliage. Pkt. 5c., oz. 15c.
1533 **Noll's Dark Foliage Hybrids.** Beautiful very dark-bluish-leaved class, with large brilliant dark red, rose and crimson flowers; an extra fine class for pot culture. Pkt. 10c., oz. 25c.
1534 **Noll's Superb Large-Flowered, Mixed.** Comprising 17 novelties of a famous English grower, embracing the most brilliant and conspicuous flowered sorts, offered by us exclusively. Pkt. 10c., oz. 25c.
1535 **Choice Mixed.** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 75c.



PANSY.

PASSION FLOWER

Handsone, rapid-growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer.

1690 **P. incarnata** ("May Pops"). Blooms the first season from seed. Flowers two or three inches across. Flesh color, with purple rays, followed by yellow, edible fruits. Pkt. 10c., trade pkt. 25c.

1691 **P. coerulea grandiflora**. Large flowers of violet and blue. Pkt. 10c., trade pkt. 25c.

PENTSTEMON grandiflorus

Hardy garden perennials, two to three feet high, with large foxglove-like flowers of various brilliant colors. Will flower the first year from seed if sown early. Pkt. 10c., trade pkt. 25c., oz. \$2.50.

PETUNIA

The strains we offer are the results of years of careful hybridization and selection. The double and large single sorts are usually selected for window culture, and bloom freely all times of the year. For bedding out in summer they are equally valuable. A bed of petunias is a mass of gay colors from early spring to late fall.

DOUBLE VARIETIES

Our strains of this important seed are of the highest quality, all seed being saved from pot-grown plants. Customers may rely upon getting the best results obtainable.

NOTE.—Double petunia grown from seed produces a percentage of double flowers; the balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers.

1701 **Prize Giant**. Large-flowering, double, fringed, mixed. Magnificent strain of very large flowers. The very finest varieties and colors will be obtained from this class. Pkt. 25c., 500 seeds 75c., 1,000 seeds \$1.50.

SINGLE VARIETIES

1703 **Mammoth Fringed**, mottled, striped and veined. A new class of remarkable beauty, size and luxuriance, unequalled by any other; the flowers are exquisitely ruffled or fringed, and are of enormous dimensions (four to five inches across); but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most beautiful combinations; the colors are rich and gorgeous and others of lovely delicate shades. This strain represents the acme of perfection in single petunias; 10 in. Pkt. 25c., trade pkt. \$1.00, 1-32 oz. \$1.50.

1704 **California Yellow Throat**. Large flower with yellow throat. Very fine. Pkt. 25c., trade pkt. \$1.00.

1707 **Dwarf Compacta**, striped. Very dwarf, handsome, compact growing sorts, all bright, charming colors, crimson-striped white; very free and constant bloomers; excellent for pots; sure to give satisfaction; 6 to 8 in. Pkt. 10c., trade pkt. 40c., ¼ oz. \$1.00.

1711 **Fine Mixed**. Pkt. 5c., oz. 50c.

NICOTIANA (Tobacco)

1550 **Nicotiana affinis**. Sweet-scented, pure white flowers, blooming continually; 2 ft. Pkt. 5c., trade pkt. 15c.

NIGELLA (Love-in-a-Mist, or Devil-in-the-Bush)

These old garden favorites are very showy in foliage, flowers and seed pods. The pretty flowers are surrounded by a delicate wreath of fine, mossy, green fibres.

1570 **Mixed**. Double. Dwarf, white and blue; 1 ft. Pkt. 5c., trade pkt. 10c., oz. 25c.

OXALIS

Exceedingly free-flowering little plants with lively foliage, and entirely covered with bright flowers; annual.

1590 **O. rosea**, mixed. Red, white and pink; excellently adapted for pots. Pkt. 10c., trade pkt. 25c.

PANSY

1600 **Giant Adonis**. Light blue. Pkt. 10c., oz. \$3.00.

1601 **Giant Dark Blue**. Black blue. Pkt. 10c., oz. \$3.00.

1602 **Giant Fire King**. Golden yellow, upper petals purple. Pkt. 15c., oz. \$6.00.

1603 **Giant Lord Beaconsfield**. Lavender, heliotrope and purple. Pkt. 10c., oz. \$3.00.

1604 **Giant Freya**. Silver-edged. Pkt. 10c., oz. \$3.00.

1605 **Giant Golden Queen**. Pure yellow. Pkt. 10c., oz. \$3.00.

1606 **Giant Indigo Blue**. Indigo, new. Pkt. 15c., oz. \$6.00.

1607 **Giant King of the Blacks**. Lustrous jet black. Pkt. 10c., oz. \$3.00.

1608 **Giant Peacock**. Garnet, cream and blue. Pkt. 15c., oz. \$6.00.

1609 **Giant Purple King**. Purple, extra. Pkt. 15c., oz. \$5.00.

1610 **Giant Ruby**. Superb red shades. Pkt. 10c., oz. \$3.00.

1611 **Giant Snowflake**. Pure snow-white. Pkt. 10c., oz. \$3.00.

1612 **Giant Striped**. White, blue and violet. Pkt. 10c., oz. \$3.00.

1613 **Giant Trimardeau**. Mixed colors. Pkt. 10c., oz. \$2.00.

1615 **Noll's Selected Ne Plus Ultra**. This class includes only the large-flowering sorts of the very richest colorings and markings. They embrace all the solid colors, striped and blotched varieties, edged or margined varieties of various colors, delicate shaded flowers, face varieties, and flowers with distinct eyes. We have taken great care in selecting this strain and it cannot fail to give the utmost satisfaction to all growers of this valuable flower. Pkt. 25c., ¼ oz. \$1.25, oz. \$8.00.

1616 **Largest-Flowering, finest French, Mixed**. Pkt. 10c., trade pkt. 25c., oz. \$1.00.

1617 **Finest German, Mixed**. Pkt. 5c., trade pkt. 20c., oz. 75c.



ASLANO.

DOUBLE FRINGED PETUNIA.

PHLOX DRUMMONDI GRANDI- FLORA (Large-Flowering)

Little may be said in favor of this grand annual. Everybody knows and cultivates it for its brilliant colors. It is truly called the "Flame-Flower." A bed in bloom dazzles the eye with its brilliancy, and the different colors sown side by side produce a beautiful effect; annual; 1 ft.

- 1730 **Alba.** Pure white, beautiful large flowers. Pkt. 5c., trade pkt. 25c., oz. \$1.00.
1731 **Kermesina Splendens.** Vivid crimson. Pkt. 5c., trade pkt. 25c., oz. \$1.50.
1732 **Stellata Alba.** White with red eye. Pkt. 5c., trade pkt. 25c., oz. \$1.25.
1733 **Stellata Atropurpurea.** Purple with white eye. Pkt. 5c., trade pkt. 25c., oz. \$1.25.
1734 **Stellata Rosea.** Pink with white eye. Pkt. 5c., trade pkt. 25c., oz. \$1.25.
1735 **Stellata Splendens.** Crimson with white eye. Pkt. 5c., trade pkt. 25c., oz. \$1.50.
1736 **Fine Mixed.** Pkt. 5c., trade pkt. 25c., oz. \$1.00.

PHLOX DRUMMONDI NANA (New Improved Dwarf Compact Varieties)

- 1741 **Oculata.** New brilliant varieties, very handsomely oculated, fine. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
1742 **Snowball.** Beautifully white. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
1743 **Fireball.** Brilliant scarlet. Pkt. 10c., trade pkt. 40c., oz. \$2.00.
1745 **Noll's Superb Mixed.** Comprising only the most brilliant, showy and salable colors, embracing twenty-two of the finest varieties. Pkt. 10c., trade pkt. 50c., oz. \$3.00.

- 1750 **Star of Quedlinburg.** Star phlox, choice mixed. Improved strain comprising only large flowers. Pkt. 10c., trade pkt. 25c., oz. \$1.00.

PHLOX DECUSSATA (Hardy Perennial Phlox)

- 1761 **New Dwarf Large-Flowering Hybrids.** Mixed. From the choicest sorts. 1½ ft. Pkt. 10c., trade pkt. 35c., oz. \$2.00



PHLOX DRUMMONDI.

POPPIES

DOUBLE ANNUAL (Double Carnation-Flowered)

A magnificent class of hardy annuals, 2 to 2½ feet high; large globular flowers often a foot in circumference, of the greatest variety of colors; the petals are finely slashed and fringed. Like all annual poppies they should be sown where they are to be grown.

- 1778 **Mixed Carnation Flowered.** Many colors. Pkt. 5c., oz. 25c.

SINGLE ANNUAL

- 1770 **Armenian Tulip Poppy.** A new species, 12 to 14 inches high, each plant producing 50 to 60 vivid scarlet flowers. The two outer petals form a saucer surrounding two erect petals, giving a very unique and handsome appearance of scarlet tulips. Pkt. 5c., oz. 50c.
1771 **Shirley.** The absence of black blood gives them their wonderfully light, bright, tissue-paper-like appearance. The colors range from purest white through pinks of all shades to glowing scarlet, but a scarlet without black. Mixed Colors. Pkt. 5c., oz. 50c.
1772 **Dannebrog.** Brilliant scarlet blotched with silvery white. Pkt. 5c., oz. 25c.
1773 **Mephisto.** Scarlet with black spots. Pkt. 5c., oz. 25c.

- 1774 **Miss Sherwood.** Satiny white, shading to chamois rose. Pkt. 5c., oz. 50c.

- 1775 **The Bride.** Single white fringed. Pkt. 5c., oz. 25c.

- 1776 **Umbrosum.** Glowing vermillion. Pkt. 5c., oz. 25c.

- 1777 **Single Annual Mixed.** Pkt. 5c., oz. 25c.

DOUBLE PEONY-FLOWERED POPPIES

A magnificent class of annual poppies; immense double broad-petaled flowers, in form resembling peonies. Height about 2 feet.

- 1779 **Double Peony-Flowered Poppies.** Mixed. Pkt. 5c., oz. 25c.

- 1780 **Ranunculus-Flowered.** Double Mixed. Pkt. 5c., oz. 25c.

- 1781 **Cardinal.** Double bright rose. Pkt. 5c., oz. 25c.

- 1782 " " scarlet. Pkt. 5c., oz. 25c.

- 1783 " " white. Pkt. 5c., oz. 50c.

- 1784 **Double Annual.** Mixed. Pkt. 5c., oz. 25c.

HARDY PERENNIAL POPPIES (New Giant Oriental)

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height, two to three feet; flowers immense, often six inches across.

- 1785 **Fiery Scarlet.** Pkt. 10c.

- 1786 **New Oriental Hybrids.** Mixed colors. Pkt. 10c.



CALIFORNIA POPPY.



PRIMULA.

ICELAND POPPIES (*Papaver Nudicaule*)

Although hardy perennials, these Poppies bloom the first season from spring-sown seed. The fragrant, elegant, crushed, satin-like flowers are produced in never-ceasing succession from the beginning of June to October. The flowers last quite a week if cut as soon as open.

- 1787 **Single Mixed Iceland.** Pkt. 10c., oz. \$1.00.
1788 **Double Mixed Iceland.** Pkt. 10c., oz. \$1.50.

PRIMULA

CHINESE PRIMROSES (*Primula Chinensis*)

- 1800 **Giant alba magnifica.** Large, beautiful pure white, with citron eye; compact; light green foliage. Pkt. 50c., half trade pkt. 60c., trade pkt. \$1.00.
1801 **Giant Coccinea.** New, handsome brilliant red; abundant bloomer. Pkt. 50c., half trade pkt. 60c., trade pkt. \$1.00.
1802 **Giant Blue.** Pkt. 50c., half trade pkt. 60c., trade pkt. \$1.00.
1807 **Giant Exhibition Prize Strain.** Mixed. Remarkable for large-size, varied and brilliant-colored flowers in beautiful variety; the finest and best strain extant. Pkt. 50c., half trade pkt. 60c., trade pkt. \$1.00.
1808 **Fine Mixed.** Good strain. Pkt. 25c., trade pkt 50c.

PRIMULA (Various Sorts)

With a slight protection they will stand the winter but do better if protected by a cold frame.

- 1810 **P. obconica grandiflora.** Scarlet. Pkt. 15c., trade pkt. 50c.
1811 **P. obconica grandiflora fimbriata.** White. Pkt. 15c., trade pkt. 50c.
1812 **P. obconica grandiflora fimbriata.** Pink. Pkt. 15c., trade pkt. 50c.
1813 **P. obconica grandiflora fimbriata.** Hybrid; fine mixed; blooms freely nine months in the year; fringed; 6 inch. Pkt. 15c., trade pkt. 50c.
1820 **P. veris.** Mixed. English cowslip; extra quality. Pkt. 10c., trade pkt. 25c.
1821 **P. Forbesii** (Baby Primrose). Pkt. 15c., trade pkt. 50c.

PYRETHRUM

- 1930 **P. aureum** (Golden Feather). True; $\frac{1}{2}$ ft. Pkt. 5c., trade pkt. 15c., oz. 50c.

PORTULACA

They do the best in hot, sunny situations, and no matter how dry the weather, they will grow and flourish, even on very poor soil. For borders of beds they are very effective with their striking colors.

- 1790 **P. grandiflora.** Single, Mixed. Extra fine. Pkt. 5c., trade pkt. 15c., oz. 50c.
1791 **P. grandiflora.** Double, Mixed. Extra choice colors. Pkt. 10c., trade pkt. 35c., oz. \$2.50.

RICINUS (Castor Oil Plant)

Large, luxuriant, rapid-growing foliage annuals, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centers of beds of foliage plants.

- 1950 **R. cambodgensis.** Leaves bronzy maroon, with red veins, stems black. Pkt. 5c., oz. 25c.
1951 **R. borbonensis.** 15 feet. Immense foliage. Pkt. 5c., oz. 20c.
1952 **F. Gibsonii.** Six feet. Dark purplish red foliage and stems. Pkt. 5c., oz. 20c.
1953 **R. zanzibarensis.** Their gigantic leaves, two to two and one-half feet across, and the great size of the plants surpass any other Ricinus. We offer our varieties in mixture; one will produce light green leaves, with whitish ribs; another, coppery brown leaves, changing to dark green with red ribs—stems brown; another, brownish purple leaves, changing to dark green with reddish stems; another, with bronze leaves with reddish ribs and glaucous brown stems. Price, the four varieties just described, in mixture, Pkt. 5c., oz. 20c.

SALPIGLOSSIS (Velvet Flower)

The funnel-shaped flowers are large in size and singularly and most vividly marked and delicately penciled, spotted and striped on ground colors of deep blue, rose, dark violet, light yellow, reddish bronze, etc.; 18 inches.

- 1970 **S. variabilis grandiflora.** Mixed.
Pkt. 5c., trade pkt. 25c., oz. \$1.25

SALVIA

Blooms till frost; half-hardy perennial; blooming the first year from seed.

- 1980 **S. splendens grandiflora** (Scarlet Sage). Beautiful bright scarlet; 3 ft. Pkt. 5c., trade pkt. 30c., oz. \$1.50.
1981 **Clara Bedman** ("Bonfire"). Its erect spikes of flowers of brilliant scarlet stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous of plants in cultivation; 18 in. Pkt. 10c., trade pkt. 50c., oz. \$2.50.
1982 **Patens** (Blue Salvia). A handsome blue variety. Pkt. 10c., trade pkt. 50c.
1983 **Silverspot.** A variety bearing red flowers; leaves spotted white. Pkt. 10c., trade pkt. 50c.



DOUBLE PORTULACA.

SCABIOSA (Morning Bride, or Sweet Scabious)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

2000 **Large-Flowering Double, Mixed.** Comprising all the fine sorts, embracing ten shades; 3 ft. Pkt. 5c., trade pkt. 15c., oz. 35c.

SCHIZANTHUS (Butterfly Flower, Christmas Orchid Flower)

A splendid annual; fine for greenhouse decoration and the flower garden; of easy culture.

2016 **Papilionaceous Hybrids, Mixed.** Pkt. 5c., trade pkt. 15c.

SILENE

2020 **Pendula.** An effective garden annual, forming compact, round bushes, 12 inches high, which, during the summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed colors. Pkt. 5c., trade pkt. 10c., oz. 30c.

2021 **Schafta.** Pink, hardy perennial. Pkt. 10c., trade pkt. 25c., oz. 75c.

SENSITIVE PLANT (Mimosa)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; requires a mixed soil.

2030 **Mimosa pudica.** 1½ ft. Pkt. 5c., trade pkt. 10c., oz. 50c.

SMILAX

2050 **Myrsiphyllum.** New crop; 6 ft. Pkt. 10c., trade pkt. 15c., oz. 40c., lb. \$3.50.

SUNFLOWER (Helianthus)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens; hardy annuals.

2090 **Globe of Gold.** A new double dwarf annual Sunflower, forming a well branched plant, not exceeding forty inches in height. Each of the numerous branches carries on its summit a large, densely double globe-shaped flower of deep rich, golden yellow color. Pkt. 10c., trade pkt. 20c., oz. 50c.

2091 **Mammoth Double.** Enormous flowers; very double. Pkt. 5c., oz. 25c.

2092 **Mammoth Single Russian.** Pkt. 5c., oz. 10c.



SCHIZANTHUS.



SILENE.

SWEET PEAS

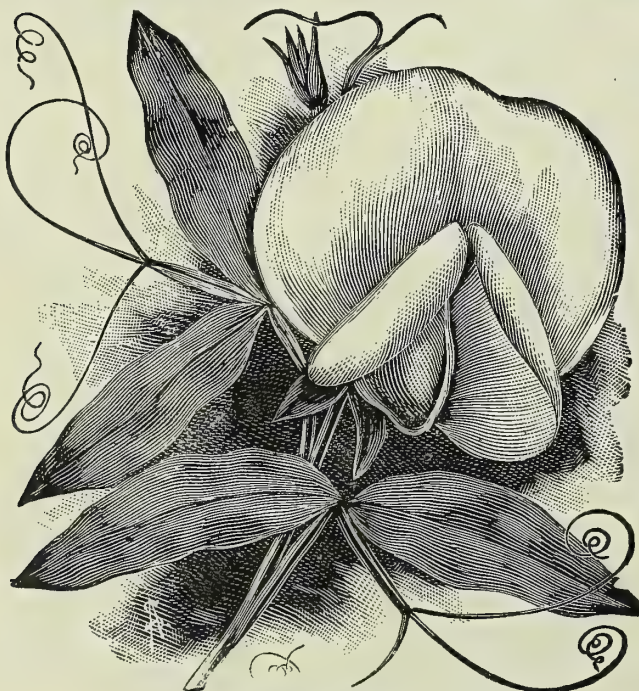
The choicest colors only. The largest flowering varieties.

When properly grown, are nearly double the size of ordinary varieties, of perfect form, and present combination in marking and colors heretofore unknown in this exquisite flower. Prepare the ground thoroughly by working in a large quantity of well-rotted manure, sow the seed and cover two inches deep.

2164 **America.** Striped scarlet on white; large and striking.

2165 **Aurora.** Striped rosy orange on white; very attractive.

2166 **Blanche Burpee.** Large pure white of graceful form.



SWEET PEA.

2167 **Blanche Ferry.** The popular pink and white; very profuse.

2168 **Blanche Ferry, Extra Early.** Color same as preceding, but flowers 10 days earlier.

2169 **Black Knight.** Very dark maroon, almost black.

2170 **Butterfly.** A combination of shades of violet and lavender.

2171 **Countess of Radnor.** A beautiful shade of lavender.

2172 **Cupid Dwarf.** White.

2173 **Cupid Dwarf.** Pink.

2174 **Earliest of All.** The earliest strain of Blanche Ferry; fine for forcing.

2175 **Emily Henderson.** Large early pure white; strong grower.

2176 **Firefly.** Brilliant crimson-scarlet; profuse bloomer.

2177 **Grey Friar.** Flaked and speckled blue and mauve on white.

2178 **Katherine Tracy.** Large soft pink.

2179 **Lady Grisel Hamilton.** Beautiful silvery lavender.

2180 **Lottie Eckford.** White, shaded and edged deep lavender.

2181 **Lovely.** Soft shell-pink; large and extra fine.

2182 **Mont Blanc.** The new extra early pure white; fine for forcing.

2183 **Mrs. Eckford.** Primrose-yellow; large size and fine form.

2184 **Mrs. Joseph Chamberlain.** Striped bright rose on white; very large.

2185 **Navy Blue.** Dark indigo blue; the best blue.

2186 **Prima Donna.** Large pure pink; a fine shade and grand flower.

2187 **Princess of Wales.** Striped blue and purple on white.

2188 **Royal Rose.** Deep carmine rose, wings lighter; very large.

2189 **Salopian.** Deep scarlet or cardinal, very large, the best red.

2200 **Noll's Superb Mixture** of all large-flowering varieties.

Price of the above, oz. 10c., ¼ lb. 20c., lb. 60c.

2201 **Fine Mixed,** all colors, oz. 5c., ¼ lb. 15c., lb. 40c.



STOCKS.

TECOMA VELUTINA

2135 A beautiful shrub, bearing large spikes of golden yellow flowers, resembling allamandas. It blossoms from seed when only 12 in. high, and is a continuous and perpetual bloomer. An excellent plant for the greenhouse or conservatory. Pkt. 10c., trade pkt. 25c., oz. \$3.00.

THUNBERGIA (Black Eyed Susan)

Beautiful rapid-growing climbers; the flowers are very pretty, and are borne profusely during the season; fine for vases, rustic-work or greenhouse culture.

2136 White, Black eye. Pkt. 5c., trade pkt. 20c., oz. 75c.

2137 Orange, Black eye. Pkt. 5c., trade pkt. 20c., oz. 75c.

2138 Mixed. Pkt. 5c., trade pkt. 20c., oz. 60c.

TORENIA

A very fine annual; a beautiful plant for vases, hanging-baskets or edgings, being covered the entire season with bloom; excellent greenhouse plant.

2140 *T. Fournieri grandiflora*. Beautiful; very large porcelain blue and rich violet; throat bright yellow; very free flower. Pkt. 10c., trade pkt. 35c.

VINCA (Madagascar Periwinkle)

Ornamental free-blooming plants, flower from seed, if sown early, the first season, continuing until frost; 2 ft. Home-grown seed sure to germinate.

2150 *V. rosea* (Rose). Crimson eye. Pkt. 10c., trade pkt. 20c., oz. 75c.

2151 *V. rosea alba*. White, crimson eye. Pkt. 10c., trade pkt. 20c., oz. 75c.

2152 *V. rosea alba pura*. Pure white. Pkt. 10c., trade pkt. 20c., oz. 75c.

2153 *V. rosea*, Mixed. Well assorted. Pkt. 10c., trade pkt. 20c., oz. 75c.

VIOLET (Viola Odorata)

Well-known, fragrant, early spring-blooming, hardy perennials; thriving best in a shady situation, in a rich, deep soil.

2155 *V. alba*. Pure white, sweet-scented. Pkt. 10c., trade pkt. 25c.

2156 *V. Empress Augusta*. Dark blue; sweet-scented. Pkt. 10c., trade pkt. 50c.

SWAN RIVER DAISY (Brachycome)

2096 *B. iberidifolia*, mixed. Blue and white; six inches. Pkt. 5c., trade pkt. 15c.

SWEET WILLIAM

This very old and popular flower has been greatly improved the last few years. The flowers are twice as large as they used to be, and the colors bright and varied; hardy plants, about one foot high; of extreme richness and variety of color, and also deliciously sweet-scented; for clumps or borders. No plant can surpass this old favorite.

2097 Double, Mixed. Pkt. 10c., trade pkt. 20c., oz. 60c.

2098 Single, Mixed. Pkt. 5c., trade pkt. 10c., oz. 25c.

SWEET SULTAN

2275 *Centaurea odorata*. A new species of ravishing beauty, and particularly valuable as a cut flower. It is most deliciously scented, with long flower stalks, and when cut will last in water two weeks. Beautiful shades of white, blue, purple and yellow; annual; 18 in. Pkt. 5c., trade pkt. 30c.

SWEET ROCKET (Hesperis)

2278 Old-fashioned garden plant, and among the most desirable of hardy flowers; also known as Dame's Rocket and Dame's Violet; grows from two to three feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Mixed colors. Pkt. 5c., trade pkt. 10c., oz. 30c.

STOCKS

Dwarf Large-Flowering Double Ten Weeks

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. The double large-flowering ten weeks stocks are great improvements over the gilliflowers of the olden times, the flowers being much larger and more densely double, and there is also a much larger variety of colors and shades than there used to be.

2120 Pure White.....Pkt. 10c.

2121 Canary Yellow..... " 10c.

2122 Sky Blue..... " 10c.

2123 Blood Red.....Pkt. 10c.

2124 Violet..... " 10c.

2125 Bright Rose..... " 10c.

Trade packet of above 50c. each, oz. \$3.00.

2126 Noll's Superb Mixed. Pkt. 10c., trade pkt. 50c., oz. \$3.00.

2127 Fine Mixed. Pkt. 5c., trade pkt. 30c., oz. \$2.00.

DWARF FORCING TEN WEEKS STOCK

2128 Snowflake. The earliest white; fine for forcing. Pkt. 10c., trade pkt. 50c.

BRANCHING TEN WEEKS STOCK

2130 Princess Alice. White, large spikes.

Pkt. 10c., trade pkt. 50c.

2132 Deep Red. Pkt. 10c., trade pkt. 50c.

2131 Bright Pink. Pkt. 10c., trade pkt.

50c.



SWEET WILLIAM.

VIRGINIAN STOCK

2290 **Mixed.** Charming dwarf annuals, with bright-colored red, yellow, crimson and white flowers, making the garden gay in early summer; ½ ft. Pkt. 5c., trade pkt. 10c., oz. 30c.

WALLFLOWER

Wallflowers are the most deliciously fragrant of all garden flowers.

2292 **Single Large-Flowering. Mixed.** Extra quality; six of the most brilliant colors. Pkt. 5c., trade pkt. 15c., oz. 50c.

2293 **Double Large-Flowering. Superb Mixed.** Finest double dwarf branching, comprising rich yellow, bronze, brown, violet and white. Pkt. 10c., trade pkt. 50c.

VERBENA

American Grown. Extra Quality.

Verbenas in quantity are more easily obtained from seed than from cuttings, and the plants are more healthy and vigorous in growth, while they are also fragrant, particularly the white and light colored varieties.

Our customers may rely upon our strain of Giant-Flowering Verbenas for producing the largest flowers obtainable in their respective colors.

2280 **Giant White.** Very large flowers; numerous pure white trusses. Pkt. 10c., trade pkt. 40c.

2281 **Giant Pink.** Beautiful shade. Pkt. 10c., trade pkt. 40c.

2282 **Giant Scarlet.** Very brilliant; excellent for bedding purposes. Pkt. 10c., trade pkt. 40c.

2283 **Giant Crimson.** White eye. Beautiful rich shade. Pkt. 10c., trade pkt. 40c.

2384 **Giant Oculata.** A fine very large-flowered, highly improved type of richly colored purple and handsomely oculated sorts. Pkt. 10c., trade pkt. 40c.

2285 **Giant Mixed.** A carefully selected and greatly improved strain of new sorts, unequaled by any other for brilliant and choice varieties.

Composed of the best and showiest sorts only. Will give extra satisfaction.

Pkt. 10c.,
trade pkt. 50c., oz. \$3.00.

2286 **French Striped.** Saved from a rich collection of Carnation-striped flowers. Pkt. 10c., trade pkt. 30c.

2288 **Choice Mixed.** Pkt. 5c., trade pkt. 20c., oz. \$1.00.

2290 **Lemon Verbena.** Grown for the odor of the foliage, which is lemon-scented. Pkt. 10c., trade pkt. 25c.

YUCCA (Adam's Needle)

2360 **Y. filamentosa.** A very attractive plant for lawns, bearing a large cluster of snowy-white, tulip-like flowers, in July, hardy perennial. Pkt. 10c., trade pkt. 25c.

ZINNIAS (Youth and Old Age)

2370 **Mammoth-Flowering.** Mixed. (*Zinnia Grandiflora Robusta Plenissima* fl. pl.) The plants form handsome bushes three feet in height and the mammoth perfectly-formed double flowers measure 5 to 6 inches across, comprising beautiful shades of scarlet, gold, salmon, rose, crimson, orange, gold striped, etc. Pkt. 10c., trade pkt. 25c., oz. \$1.00

2371 **Zebra, or Carnation Striped.** A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance. Pkt. 5c., trade pkt. 15c., oz. 60c.

2372 **Tall Double.** Mixed. Pkt. 5c., trade pkt. 10c., oz. 40c.

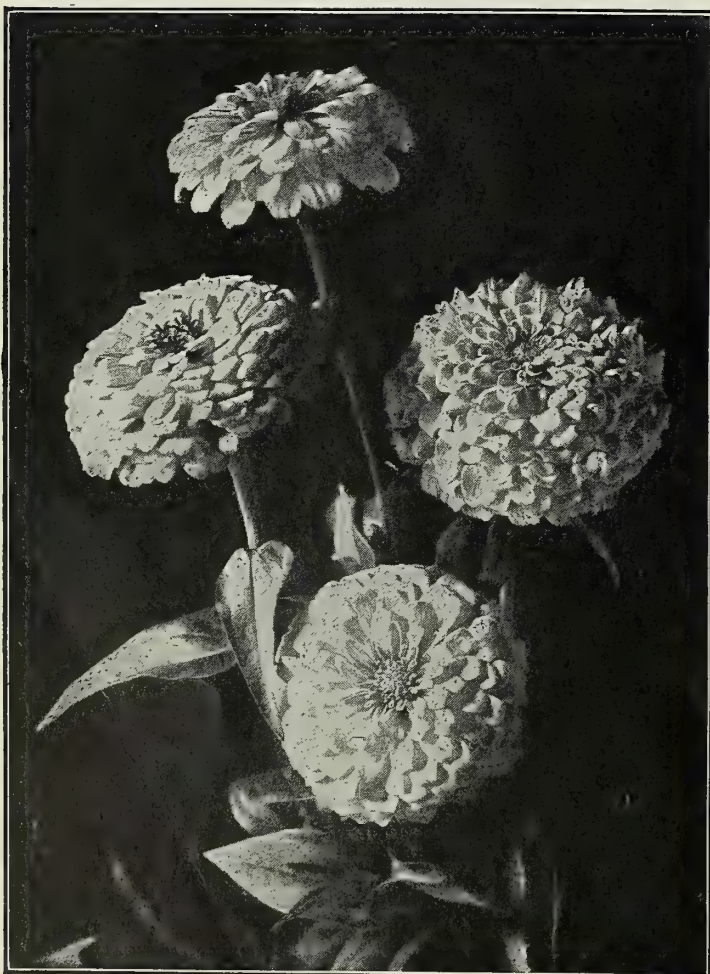
2373 **Dwarf Double.** Mixed. Pkt. 5c., trade pkt. 10c., oz. 50c.

AND LAST BUT NOT LEAST, TRY A WILD-FLOWER GARDEN

2500 A mixture of easy-growing, hardy flowers producing a constant and varied bloom the whole season; for sowing in shrubbery, under trees, and in beds of which no care will be bestowed or even for sowing in exposed situations, where wilderness is preferred to order and precision. Pkt. 5c., oz. 15c., ¼ lb. 50c.



VERBENA



NOLL'S MAMMOTH-FLOWERING ZINNIA

SUMMER FLOWERING BULBS, PLANTS, ROOTS

AMARYLLIS

Splendid flowering bulbs for greenhouse, room, or garden cultivation.

Belladonna Major. Bright pink. Each 15c., per doz. \$1.50.

Prince of Orange. Orange intermingled with white and green. Each 50c., per doz. \$5.00.

Formosissima. Crimson. Each 10c., per doz. \$1.00

Johnsonii. Very large flower, rich crimson-scarlet color, striped with white. Each 30c., per doz. \$3.00.

TUBEROUS ROOTED BEGONIAS

This charming class of Begonias is perhaps the handsomest of all summer-flowering, tuberous-rooted plants, and deserve much greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers frequently measuring from 4½ to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the center. Their culture is of the sim-

plest, and, with the least regard for their requirements, will repay with an abundance and brilliancy of bloom not equalled by any other class of plants; they delight in a rich, mellow, well-drained soil, where they can be liberally supplied with water, preferably in a position where they will be shaded from the direct rays of the sun during the hottest hours of the day, and will succeed equally well grown as pot plants for the conservatory or window garden. On the approach of cold weather the tubers should be taken up, and, after drying, stored away in dry sand or similar material in a cool place, free from frost until spring.

SINGLE SORTS.

Scarlet, Pink, Orange, White, Crimson, Yellow. Each 10c., per doz. \$1.00, per 100 \$6.00.

Single, All colors Mixed. Each 8c., per doz. 75c., per 100 \$5.00.

DOUBLE SORTS.

Scarlet, White, Pink, Yellow. Each 20c., per doz. \$2.00.

Double, All colors Mixed. Each 15c., per doz. \$1.50.

CALADIUM ESCULENTUM

(Elephant's Ear.)

Our bed of *Caladium Esculentum* bordered with the new red pennisetum was awarded a Silver Medal at St. Louis, 1904.

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water and an abundance of rich compost. Foliage light green. When full size it stands 6 to 10 feet high, and bears immense leaves, 3 to 4 feet long by 2½ feet wide.

Extra large bulbs. Each 25c., per doz. \$2.50, per 100 \$15.00.

First-size bulbs. Each 15c., per doz. \$1.50, per 100 \$10.00.

Second-size bulbs. Each 10c., per doz. \$1.00, per 100 \$7.50.

Third-size bulbs. Each 7c., per doz. 75c., per 100 \$5.00.

If wanted by mail, add 7c., 8c., 10c. and 15c. each according to size, for postage.

FANCY LEAVED CALADIUMS

Fancy-leaved *Caladiums* have, in recent years, grown very rapidly in popular favor, not only for the decoration of the conservatory, greenhouse and window-boxes, but nearly all of the varieties succeed admirably if planted out of doors, when the ground has become warm, in partly shaded, sheltered borders, in well-enriched light soil, while for exhibition plants at fairs, etc., during the summer and fall months nothing can equal their beauty. Finest mixed varieties. Each 15c., doz. \$1.50, postpaid.

CALLA LILIES

New Golden Yellow Calla (*Richardia Elliottiana*). Entirely distinct and unlike all other forms of yellow *Callas*; it has the same habit of growth as the ordinary white variety, with flowers of same size and shape, but of a rich, clear, lustrous golden-yellow color; the foliage is dark green, with a number of translucent creamy-white spots, which add much to its beauty. Strong bulbs, each 50c., per doz. \$5.00.

Spotted-leaf Calla (*Richardia alba maculata*). The leaves of this variety are deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are pure white, with a black center; they grow freely either indoors or out. Each 10c., per doz. \$1.00.



BEGONIAS—TUBEROUS ROOTED

Summer Flowering Bulbs, Plants and Roots—Continued



CANNA,
SINGLE
FLOWER

**TWELVE BEST
CANNAS**

There must now be in commerce close to 500 varieties of Cannas, the majority of which have been carefully tested. We keep our list down to the very best, and of these the twelve varieties enumerated below are a selection of sorts that have proven themselves perfect in every way, and which succeeded under the most adverse conditions.

All are of uniform, vigorous growth, and whether planted singly or in masses will make a display certain to give full satisfaction. **Each 10c., per dozen \$1.00.**

Alphonse Bouvier. Finest tall brilliant crimson, foliage green; 6 to 7 feet.

Alsace. Pale sulphur, changing to creamy white; planted in conjunction with the high-colored sorts it makes a fine contrast; foliage green; 4½ feet.

President McKinley. Brilliant crimson with scarlet shadings; a grand dwarf variety, never exceeding 3 feet; foliage green.

Buttercup. The nearest approach to a clear yellow; 3 feet.

David Harum. Bright, deep satiny vermilion; fine bronze foliage; 3½ feet.

Duke of Marlborough. The finest of the very deep crimsons; fine individual blooms in large trusses, and exceptionally free-flowering and attractive; foliage green; 4 feet.

Egandale. A favorite bronze leaved sort with soft currant-red flowers; 4 feet.

Florence Vaughan. Bright, rich golden-yellow, spotted with red, of large size and perfect form; foliage green; 4 feet.

Mme. Crozy. The popular bright scarlet with golden edge; foliage green; 4 feet.

West Virginia. Intense crimson-scarlet, with broad golden-yellow border; foliage green; 3 feet.

Harry Laing. Exceedingly large, well rounded flowers of rich glowing scarlet suffused with orange; 5 feet.

Mlle. Berat. The nearest approach to a pink in a first-class bedder; foliage green; 4 feet.

CYCLAMEN

Cyclamen giganteum. Rose-crimson, white, white and pink eye. Each 20c., per doz. \$1.75, per 100 \$10.00.

DAHLIAS

KRIEMHILDE Pink Cactus Dahlia

See illustration front cover of catalogue.

No Dahlia heretofore introduced has met with such popular favor as Kriemhilde. In color a brilliant pink and white, the outer edge being pink, gradually shading lighter to the center which is at first a creamy white, changing to pure white. It is of sturdy habit and free growth, producing freely and continuously its exquisite blooms on long stems, making it an ideal flower for cutting. Each 20c., per doz. \$2.00, per 100 \$15.00.

CACTUS DAHLIAS

Aunt Chloe. Dark maroon shaded black with narrow pointed petals.

Atlanta. Large bright rich red shaded darker.

Brunhilde. Color, deep plum, rich and velvety.

Bridesmaid. Pale primrose shading to pink.

Countess of Lonsdale. Extremely profuse bloomer, color blending of amber and salmon pink.

Earl of Pembroke. Bright plum, deeper and more velvety toward the center.

Gabriel. Color, shades of scarlet and cinnamon; sometimes the petals are tipped white.

General Buller. Color deep rich velvety maroon, tipped white.

J. H. Jackson. The largest and finest of the deep velvety maroons.

The above 20c. each, \$2.25 per doz.

Kriemhilde. Color is a fresh delicate pink shading to deep rose pink. A valuable acquisition as a cut flower.

Volker. Clearest canary yellow, an easy and profuse bloomer.

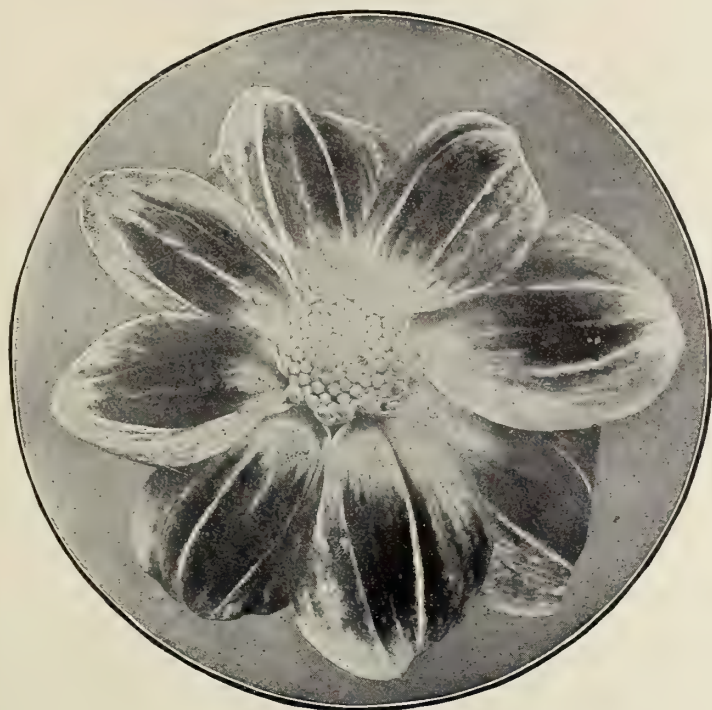
Winsome. Best white cactus to date; flowers are very large with twisted incurved petals.

The above 25c. each, \$2.50 per doz.



DAHLIA—CLUSTER OF SINGLE FLOWERS

Summer-Flowering Bulbs, Plants and Roots—Continued



SINGLE DAHLIAS

Ami Barrillet. Color a rich dark garnet with purplish maroon foliage.

Buttercup. Bright yellow richly shaded.

Fashion. Crimson maroon flamed purple, light disc.

Gracie. Color is a snow white suffused a delicate blush shading to pink at the center of the flower.

Gold Standard. Clear canary yellow; a very profuse bloomer.

John Downie. Intense crimson scarlet.

Nellie. Rosy purple with white disc flowers borne on long stems.

Willie. Bronzy yellow striped scarlet, sometimes tipped white.

20th Century. The color, intense rosy crimson with white tips and disc around the yellow center. Considered one of the finest single varieties.

The above 20c. each, \$2.25 per doz.

MIXED DAHLIAS

Four colors, 10c. each, \$1.00 per doz.

GLADIOLUS

AMERICA. One of the finest varieties ever offered in recent years. For cutting or bedding it is unsurpassed. The color is a beautiful soft flesh pink. Its growth and habit are perfect. Those who planted this variety have nothing but praise to offer. Each 15c., per doz. \$1.50, per 100 \$10.00.

Our line of Gladioli are the best in their class.

Pink Shades. Each 5c., per doz. 40c., per 100 \$2.25.

White and Light Shades. Each 6c., per doz. 60c., per 100 \$4.50.

Golden Yellow Shades. Each 6c., per doz. 60c., per 100 \$4.50.

Scarlet and Crimson Shades. Each 3c., per doz. 25c., per 100 \$1.75.

Best Mixed. Per doz. 25c., per 100 \$1.50, per 1000 \$10.00.

If by mail, add 10c. per dozen for postage.



GLADIOLUS

PRICES ON 1000 LOTS, QUOTED UPON APPLICATION.

Summer-Flowering Bulbs, Plants and Roots—Continued



GOLDEN GLOW

GOLDEN GLOW CONE FLOWER

One of the showiest flowers cultivated. Makes one solid mass of golden yellow flowers during the Summer and early Fall. Perfectly hardy. The roots multiply rapidly. Each 15c., per doz. \$1.50.



GLOXINIA

SELECT GLOXINIAS

This charming class of Summer-flowering bulbs is now so well known that a lengthy description of them is unnecessary. They delight in a loose, porous soil composed of equal parts of fibrous loam and leaf mold to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible. Our collection embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled. Each 15c., per doz. \$1.50, per 100 \$10.00.

TIGRIDIAS

One of the most showy of all Summer bulbs, and blooms from Midsummer until frost, growing three feet high, with large, wide-open triangular blooms, four to six inches across.

Conchiflora. Dark yellow, large red spots.

Pavonia Grandiflora. Large, bright crimson, center mottled with yellow.

Grandiflora Alba. Pearly white, with a yellow cup gorgeously spotted with crimson. Each 5c., per doz. 50c., per 100 \$4.00, postpaid.

Summer Flowering Bulbs, Plants and Roots—Continued

ISMENE CALATHINA

(Pancratium.)

A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each 25c., per doz. \$2.50.

MADEIRA MIGNONETTE

Or Mexican Vine.

The old favorite, "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. Each 5c., doz. 50c., 100 \$3.50, postpaid.

MONTBRETIA

This is one of the most floriferous and showy of summer-flowering plants, and destined to great popularity. Planted 6 inches apart in a group in a sunny position and allowed to remain undisturbed for several years, they form magnificent clumps, producing, in great numbers, graceful spikes bearing from 18 to 30 showy star-shaped flowers of orange suffused with red. They flower freely the first season. Price, 3 for 10c., doz., 30c., 100 \$2.00.

SUMMER FLOWERING OXALIS

No bulb is so valuable for edging the borders of walks or flower beds as the beautiful flowering Oxalis. When planted three inches apart they produce an unbroken row of elegant foliage and pretty flowers; and as they bloom very quickly after planting they furnish a neat and attractive border the whole season. They are also splendid when planted in a mass, and make a very showy bed. The bulbs, which are the size of peas, or larger, can be planted the first of May, or perhaps earlier, and will be in bloom by the first of June.

Dieppi. Pure white; very fine.

Lasandria. Fine rosy pink, beautiful cut foliage.

Shamrock. Lovely clover-like foliage and pink blossoms. Each 5c., doz. 50c., postpaid.



OXALIS

HYACINTHUS CANDICANS

(Cape Hyacinth.)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white bell-shaped flowers. Each 5c., per doz. 50c.; by mail, 10c. per doz. extra.

**TUBEROSES**

(New Excelsior Pearl Tuberose.)

The New Excelsior Pearl Tuberoses have been selected with great care and are superior to the ordinary Pearl Tuberoses. This variety is characterized by its short, robust stem and long spikes of large flowers in great profusion, perfectly double and twice the size of the common tuberose, while of equally delicious fragrance. Largest size, selected bulbs, each 5c., doz. 30c., 100 \$2.00, postpaid.

Dwarf Pearl. Each 3c., doz. 20c., 100 \$1.25; add 5c. per doz. postage.

HARDY PERENNIAL PLANTS

Known as old-fashioned hardy garden flowers. Have come into public favor so rapidly as to astonish even the most sanguine enthusiasts of these gems of the garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border in which every week brings forth something fresh and new. We have listed what we believe to be the most popular varieties of hardy plants and shall continue adding every year such varieties as are desirable.



HARDY
ASTERS

Hardy Asters

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. All varieties in mixture. Each 15c., per doz. \$1.50.

Aquatics—Water Lilies—Hardy Varieties

Nymphaeas

- Alba.** White. Each 50c., per doz. \$5.00.
Candidissima. White, flushed pink. Each 50c., per doz. \$5.00.
Odorata. Fragrant white. Each 20c., per doz. \$2.00.
Gigantea. White. Each 20c., per doz. \$2.00.
Rosea. Pink. Each 50c., per doz., \$5.00.
Sulphurea. Yellow. Each 50c., per doz. \$5.00.

Nelumbiums

- Speciosum.** Rose and white. Each 75c., per doz. \$7.50.
Luteum. Yellow. Each 75c., per doz. \$7.50.
Roseum. Deep pink. Each \$1.00, per doz. \$10.00.

Aquilegia

(Columbine.)

The Columbines are old favorites late spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. The varieties offered are a selection of the best kinds.

Californica Hybrida. One of the finest mixtures ever brought together. Each 15c., per doz. \$1.50.

Bleeding Heart

(*Dielytra Spectabilis*) Hardy.

The old Bleeding Heart is the flower of our childhood, which is as lovely to-day as then, though not so common. Bears in early spring long, graceful chains of pendulous bloom of exquisite beauty. Fine for winter blooming in pots. Large roots, each 15c., per doz. \$1.50. If by mail, add 5c. each for postage.

Campanula

Campanula (Bell Flower). An assortment of all varieties. Each 15c., per doz. \$1.50.

Caryopteris

Mastacanthus (Blue Spiræa). A handsome hardy perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of its branches. A valuable plant either for bedding or pot culture, blooming continuously from early in September until cut by frost. Each 15c., per doz. \$1.50.

Cerastium

(Snow in Summer.)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots, such as covering graves or steep banks; can also be used with good effect in carpet bedding. Each 15c., per doz. \$1.50.

Hardy Pompon Chrysanthemums

These beautiful varieties are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut late in November. They are quite hardy, and, with but a slight covering of leaves or litter during the winter, will take care of themselves after once planted. All varieties in mixture, each 10c., per doz. \$1.00.



HARDY POMPON

Funkia

(Plantain Lily.)

The Plantain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower; they deserve extensive cultivation. Each 15c., per doz. \$1.50.

Helianthus

(Hardy Sunflowers.)

The perennial Sunflowers are among the most effective hardy plants for large borders, for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes or as cut flowers during the summer. All varieties. Each 15c., per doz. \$1.50.

Hardy Perennial Plants—Continued



HOLLYHOCKS

Noll's Superb Hollyhocks

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of color. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial. (See cut.)

We offer strong plants, which will flower this season.

Double White, Pink, Salmon, Yellow, Maroon and Bright Red. Each 20c., per doz. \$2.00.

Double Mixed Colors. Each 15c., per doz. \$1.50.

For Everblooming annual varieties see page 51.

Japanese Iris

(Iris Kämpferi.)

These magnificent Iris are among the most beautiful of our summer-flowering plants, and are becoming more popular every season. They commence blooming about the middle of June and continue five or six weeks. Many of these flowers measure from 10 to 12 inches in diameter, and rival the orchids in their rich colorings and markings. Should be planted in a rich moist position, abundantly supplied with manure and water. Extra choice mixed varieties. Each 15c., per doz. \$1.50.

Lilium

(Lily.)

All herbaceous borders should have a few Lilies scattered through them, including Auratum, Candidum, Speciosum varieties, etc., etc. The sorts offered below can be planted with excellent results during the spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary to their welfare.

Auratum (Gold-banded Lily). Large, graceful flowers, composed of six petals of a delicate ivory-white thickly studded with chocolate-crimson spots, and striped through the center a golden-yellow. Each 20c., per doz. \$2.00, per 100 \$12.00.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the center of each petal. Each 20c., per doz. \$2.00, per 100 \$12.00.

Speciosum Rubrum, or Roseum. White, heavily spotted with rich rosy crimson spots. Each 20c., per doz. \$2.00, per 100 \$12.00.

Tigrinum Splendens (Tiger Lily). Very large flowers; orange, spotted black. Each 12c., per doz. \$1.25, per 100 \$8.00.

If Lily bulbs are wanted by mail, add 5 cents per bulb for postage.



LILIUM TIGRINUM

Lily of the Valley

Pips, per doz. 30c., per 100 \$2.00. Clumps, each 30c., per doz. \$3.00.

Hardy Perennial Plants--Continued



PEONY, MONT BLANC

Peonies

The Herbaceous Peonies have always held an important place among hardy plants, and with the wonderful improvements made during recent years have established themselves among the leaders for popular favor. They are perfectly hardy, requiring no protection whatever even in the most severe climate, are not troubled with insect pests or disease of any kind, and once planted take care of themselves, increasing in beauty each year. Three colors, red, white, pink. Each 20c., per doz. \$2.25. Any named variety supplied at regular prices.

Japanese Tree Peonies

Differ from the herbaceous varieties in their growth, which is in the form of a dwarf shrub. Different colors. Each \$1.00, per doz. \$10.00.

Hardy Phloxes

(Fall-Blooming.)

These grand, hardy, flowering plants are becoming very popular and deservedly so. They are of the easiest culture, and during the late summer and fall months make the garden bright with their wealth of bloom. Any color desired. Each 15c., per doz. \$1.50.

Hardy Garden Pinks

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June; 1 foot. Each 10c., per doz. \$1.00

Papaver

(Poppy.)

Nudicaule (Iceland Poppy). These range in color from the purest white and yellow to the deepest orange-

scarlet. The plants form tufts of fern-like foliage, from amongst which the slender flower-stalks rise to about a foot in height, and bear elegant cup-shaped flowers. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced from the beginning of June to October. Mixed colors. Each 15c., per doz. \$1.50.

Oriente (Oriental Poppy). Nothing can equal these in gorgeous effect, and, whether planted singly or in masses, their large flowers, rich, brilliant colors and freedom of bloom render them conspicuous in any position. We offer them in mixed colors. Each 15c., per doz. \$1.50.

Rudbeckia

(Cone-flower.)

Golden Glow. We question if any one hardy perennial plant has ever met with greater popularity than this. It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September. Each 15c., per doz. \$1.50.

Spirea

An assortment of varieties of which the Japonica Floribunda is the most popular. Each 15c., per doz. \$1.50.

Sweet Willam

(*Dianthus Barbat.*)

Beautiful old-fashioned favorite border plant. The stock we offer has been grown from a select strain; various colors. Each 10c., per doz. \$1.00.

Tritoma Pfitzerii

(Ever-blooming "Red Hot Poker Plant.")

This new variety is a marvelous improvement over the old well-known "Red Hot Poker" plant. It is a very free blooming sort, flowering continuously throughout the season. The flowers are large spikes of brilliant flame-color, with long stalks gracefully poised above the rich green foliage. A bed of this in bloom is a grand sight; a border of it around Cannas is admirable; scattered throughout the flower garden it adds grace and brightness and is in its glory when nearly all other flowers are seared with early frosts. The roots should be dug up before hard frost and kept in sand in the cellar during winter. Each 20c., per doz. \$2.00.

Hardy Violets

The varieties listed below, while not suited for forcing, are perfectly hardy, and are covered with flowers in early spring.

Pedata (Bird's-foot Violet). A native variety, with finely-cut foliage and showy blue flowers. Each 10c., per doz. \$1.00, per 100 \$6.00.

Bicolor. An elegant variety of the preceding, with the upper petals a rich royal purple, lower petals almost white. Each 15c., per doz. \$1.50, per 100 \$10.00.

Double Russian. Fine large double deep purple flowers of exquisite fragrance. Each 10c., per doz. \$1.00.

Wallflower

The old favorite fragrant wallflower; mixed colors, including yellow, brown, etc. Each 15c., per doz. \$1.50, per 100 \$10.00.

Yucca

(Adam's Needle.)

Filamentosa. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. Each 25c., per doz. \$2.50.

CHOICE HARDY SHRUBS**ALTHEA**

(Rose of Sharon)

The Altheas are among the most valuable of our hardy shrubs on account of their late season of blooming, which is from August to October, a period during which but few shrubs or trees are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. Each 25c., per doz. \$2.50.

CALYCANTHUS FLORIDUS

(Sweet or Strawberry Shrub)

An old favorite, with double chocolate-colored strawberry-scented flowers. Each 25c.

DEUTZIA CANDIDISSIMA PLENA

A fine double white. Each 25c., per doz. \$2.50.

DEUTZIA GRACILIS

A dwarf bush, covered with spikes of pure white flowers in early summer. Each 25c., per doz. \$2.50.

FORSYTHIA FORTUNEI

(Golden Bell)

Of upright growth, broad, deep green foliage and bright yellow flowers in April. Each 25c.

**HYDRANGEA PANICULATA
GRANDIFLORA**

Without doubt the best known and most popular Shrub in cultivation at the present time. The flowers, which are borne in dense pyramidal panicles a foot long, in greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Fine bush plants, each 25c., per doz. \$2.50; extra fine bush plants, each 50c., per doz. \$5.00; standard or tree-shaped plants, which will make beautiful specimens for lawn or garden. Each 50c., per doz. \$5.00.

MAGNOLIA GLAUCA

(White Bay or Laurel)

The native Magnolia of the swamps, much admired for the beauty of its foliage and pure white fragrant flowers; 3 to 4 feet. Each \$1.00.

MAGNOLIA SOULANGEANA

A Chinese species which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in Spring, are cup-shaped, 3 to 5 inches in diameter, and are white inside, flushed with purple outside. Strong, heavy plants, each \$2.00.

SYRINGA OR LILACS**LILAC CHARLES X**

A strong rapid-growing variety, with large, shining leaves. Trusses rather loose; large reddish-purple. Each 50c.

MARIE LE GRAY

Beautiful creamy-white flowers of immense size. Each 50c.

HEDGE PLANTS**CALIFORNIA PRIVET**

Of all ornamental hedge plants, this is the most popular, and more of it is planted than all others combined. Its foliage is a rich dark green, and is nearly evergreen, remaining on the plant until midwinter. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist.

The most advantageous manner of planting is in double rows, the two rows being about 8 inches apart. The

JAPANESE MAPLES

These are exceedingly beautiful, especially in spring and early summer, when they burst into full leaf, and the various colors of the foliage are deep and decided, and in autumn many varieties deepen in color and assume very beautiful tints.

JAPONICUM AUREUM

Golden-yellow, scalloped leaves. Each \$1.00.

POLYMORPHUM ATROPURPUREUM

Purple-leaved variety, deeply cut. Each \$1.00.

PHILADELPHUS CORONARIUS AUREUS

(Golden-leaved Mock Orange)

Fine golden-yellow foliage contrasting beautifully with the dark leaves of other Shrubs. Each 25c.

PRUNUS JAPONICA FL. PL.

(Double Flowering Almond)

A beautiful dwarf Shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. Each 35c.

PYRUS JAPONICUS

(Japan Quince)

A very showy and popular Shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. Each 25c., per doz. \$2.50.

HARDY RHODODENDRONS

One of the most valuable of our hardy decorative plants. They require only a good garden soil, which should be dug at least 2 feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during the winter.

We offer below but a limited list of varieties, which, however, is a selection of the hardiest sorts in cultivation.

Bertie Parsons. Delicate lilac.

Catawbiensis Alba. White.

Grandiflorum. Rosy red.

Lady Armstrong. Bright rose.

We can furnish any of the above in strong, bushy plants, 18 inches high, well set with buds, each \$1.50, per doz. \$15.00.

VIBURNUM PLICATUM

(Japan Snowball)

One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion; a decided improvement on the old Snowball; very desirable. Each 50c.

smallest size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. In order to secure a dense hedge from the base up, the plants should be severely pruned the first two seasons.

	Per 100	Per 1000
Strong 1-year-old, 18 to 24 inches high....	\$3 50	\$30 00
Strong 2-year-old, 24 to 30 inches high....	5 00	45 00
Strong 2-year-old, 30 to 36 inches high....	7 00	55 00

HARDY CLIMBING PLANTS

AMPELOPSIS VEITCHI

(Boston Ivy, or Japan Ivy.)

The most popular and desirable climbing plant for covering brick, stone or wooden walls, trees, etc. After it becomes established at the root it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Extra strong plants, each 25c., per doz. \$2.50.

ARISTOLOCHIA SIPHO

(Dutchman's Pipe Vine.)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its fine light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Extra strong plants, each 50c., per doz. \$5.00.

CINNAMON VINE

(Dioscorea Batatas.)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots, each 5c., per doz. 50c.

CLEMATIS PANICULATA

(Japanese Virgin's Bower.)

This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers which appear in the greatest profusion in August, and continue until late in the fall. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. (See cut.) Strong plants, each 15c., per doz. \$1.50, per 100 \$10.00; extra strong plants, 25c., per doz. \$2.50, per 100 \$15.00.

LARGE-FLOWERING CLEMATIS

The following is a select list of varieties that succeed best in our climate. Many failures in growing this type of Clematis are distinctly traceable to shallow planting and a disease to which they are subject. We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on this class of plants.

Henryi. Creamy white, large.

Duchess of Edinburgh. Double pure white.

Gypsy Queen. Rich purple.

Jackmanni. The popular rich purple variety.

Jackmanni Superba. A deeper-flowered form of Jackmanni.

Ville de Lyon. Bright carmine, the nearest approach to a red yet introduced. (See cut.) Each 60c.

Any of the above 40c. each; \$4.00 per doz.

HONEYSUCKLES

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant.

Calliana. Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers freely.

Variegated (Aurea Reticulata). Foliage beautifully mottled yellow and green; succeeds in any situation.

Price of the above strong plants, 25c. each; \$2.50 per doz.

HOP VINE

(Humulus lupulus.)

Common. One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed pods suitable for many domestic purposes. Each 5c., per doz. 50c.

Golden. A golden-leaved variety of the common Hop Vine, possessing the same strong climbing habit and hardiness, but with bright golden-yellow foliage; a most desirable hardy climber. Each 15c., per doz. \$1.50.



CLEMATIS.

MADEIRA OR MIGNONETTE VINE

A rapid-growing vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delicious fragrance. A beautiful and popular vine. Protect with litter in this latitude. Each 5c., per doz. 40c. by mail, 10c. per doz. extra.

HARDY MOONFLOWER

(Ipomœa Pandurata.)

This is one of the most rapid-growing vines. A root three or four years planted will send up a number of strong shoots that climb rapidly to a height of 30 or 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered with large deep-green, heart-shaped leaves, which overlap each other, forming a dense screen. The flowers, which are very large, are satiny-white, with a pinkish-purple throat, shading off deeper in the tube. Each 10c., per doz. \$1.00.

CHINESE WISTARIA

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet blue blossoms, richly perfumed. Extra strong plants, each 50c.

Alba. Of similar habit to Sinensis, with pure white flowers; a lovely climber. Each 50c.

HIGH GRADE RELIABLE FERTILIZERS

Ashes

These contain all of the fertilizing elements except nitrogen. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 60c., 50 lbs. 85c., 100 lbs. \$1.50, ton of 2,000 lbs. \$18.00. Apply about 1,000 lbs. to the acre.

Bone Meal (Strictly Pure and Fresh)

In fertilization nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants is **Bone Meal**. It keeps on feeding the soil for fully ten months. 5-lb. bag 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. for \$1.50, 100 lbs. \$2.50, ton \$30.00.

Blood (Dried)

Very rich in nitrogen. 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.85, 100 lbs. \$3.50.

Bowker's Plant Food

Made especially for plants growing in conservatory or house. Clean, free from offensive odor. Full directions with each package. Package 15c. and 25c., by mail 25c. and 40c.

Lawn Dressing (Noll's Perfection Odorless)

Very rich in fertilizing ingredients. Makes your lawn green, bright and durable. 5 lbs. for 25c., 10 lbs. 40c., 25 lbs. \$1.00, 50-lb. bag \$1.50, 100 lbs. \$2.50, per ton \$40.00.

Nitrate of Soda

For all crops. Contains the largest percentage of nitrogen; equal to 19 per cent. of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. **Should not be applied until the plants are above the ground**, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Lb. 10c., 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs., \$2.00, 100 lbs. \$3.50, 200 lbs. \$6.25.

Sheep Manure (Pure, Fresh Pulverized)

One of the richest general fertilizers. Noll's XX Brand. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. \$1.00, 50 lbs. \$1.25, 100 lbs. \$2.00, ton \$28.00.

Noll's Garden Fertilizer

A specially prepared fertilizer for the garden, promoting a rapid and steady growth. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.50, ton \$45.00.

INSECT DESTROYERS, ETC.

Aphis Punk. Box contains 12 double sheets. Price, 60c. per box.

Bordeaux Mixture. Per lb. box 20c., 5 lbs. 75c. (makes 25 gallons spray), 10 lbs. \$1.25 (makes 50 gallons spray), 25-lb. box. \$2.50 (makes 125 gallons).

Bordeaux Mixture. In liquid form. Per qt. 40c., per gal. \$1.00.

Bug Death. Price, 1 lb. 15c., 3 lbs. 35c., 5 lbs. 50c., 12½ lbs. \$1.00, 100 lbs. \$7.00.

Fir Tree Oil. ½-pt. 50c., pt. 75c., qt. \$1.50, ½-gal. \$2.75, gal. \$5.00.

Fir Tree Oil Soap. ½-lb. 25c., 2 lbs. 75c.

Hellebore. For destroying rose slugs. Per lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.85.

Moricum. A salt, sulphur and lime solution made by Hammond. For San José Scale. Per qt. 35c., per gal. \$1.00.

Kerosene Emulsion (Liquid). Per qt. 40c., per gal. \$1.00.

Lemon Oil. Will destroy mealy bug, scale, thrip, red spider, etc. Per ½-pt. 25c., per pt. 40c., per qt. 75c., per ½-gal. \$1.25, per gal. \$2.00, 5-gal. keg \$9.00. Dilute 1 part of oil to 30 parts of water.

London Purple. Lb. 25c., 5 lbs. \$1.10. Special price on larger quantity.

Nikoteen. For spraying and vaporizing. Per pt. \$1.50.

Paris Green (Pure). Lb. 30c., 5 lbs. \$1.40, 14-lb. buckets \$3.50.

Tobacco Dust. Cheaper than snuff and quite as effectual. Sure remedy for green fly. Per lb. 10c., 5-lb. pkg. 25c., 100 lbs. \$3.50.

Kil-o-Scale The Great San Jose Scale Exterminator

DIRECTIONS: Kil-o-Scale is a concentrated **liquid** and is shipped in barrels, kegs and cans.

To 1 gallon of Kil-o-Scale add 20 to 25 gallons of cold water and stir. It is then ready to be applied to the trees.

If a second application is desired, dilute 1 gallon of Kil-o-Scale with 25 gallons of water.

PRICE: One gallon, \$1.50; five or ten gallons, \$1.25 per gal. Special price in barrels.

Trade **STERLINGWORTH** Name

Whale Oil Soap and Tobacco

Sterlingworth Whale Oil Soap and Tobacco is a most effective, reliable, simple and cheap preparation for destroying San José Scale, Plant Lice and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. The efficiency of this soap is further increased by the addition of tobacco extractive matter and potash. The preparation thus compounded possesses all the virtues of Whale Oil Soap and in addition, the valuable insecticide properties of tobacco and potash, making it doubly valuable.

Full directions for use on each package.

PRICES: 1-lb. box 15c., 5-lb. box 50c., 10-lb. box 90c.



INSECT DESTROYERS—Continued

Trade **STERLINGWORTH** Name **LAWN COMPOUND**

Kills the weeds but not the grass and makes the lawn green and velvety.

Several years ago one of our leading seedsmen exclaimed to a salesman who was trying to sell him a bogus article for killing weeds in lawns, "Young man, do you mean to tell me that I can fire a shot-gun into a crowd and kill all my enemies and not injure my friends?" While it seems incredible that a preparation can be made which will kill the weeds in lawns without injuring the grass, this is exactly what "**Sterlingworth Lawn Compound**" will do and also it will help the grass to grow green and greatly improve the sward. It absolutely destroys Dandelions, Plantain, Chickweed, Crab Grass, and all weeds with hairy surfaces or broad leaves.

It is a dry sandy powder to be applied by sprinkling over the grass and is an achievement in modern chemistry of which the makers are justly proud. One pound will dress 100 to 200 square feet depending on the condition of the lawn. Full directions for use on each package. Prices: 5-lb. cans, 60c.; 10-lb. cans, \$1.00; 50-lb. kegs, \$4.00; 100-lb. kegs, \$7.50.

Trade **STERLINGWORTH** Name **WEED KILLER**

Sterlingworth Weed Killer is a most satisfactory and powerful Weed Killer, compounded especially for use on walks, drives, tennis courts, golf links, etc., etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass (including milk weed and witch grass), Briars, Burdock, Dandelions, Daisies, Thistles, Poison Ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon



covers three to four square yards. Full directions on each package. Prices: 1-lb. package makes 10 to 15 gallons, covers 45 to 60 square yards, 50c.; 3-lb. package makes 30 to 45 gallons, covers 130 to 180 square yards, \$1.25; 5-lb. package makes 50 to 100 gallons, covers 300 to 400 square yards, \$2.00.

TOOLS AND IMPLEMENTS

FOR THE GARDEN, FARM, LAWN AND GREENHOUSE

Owing to the many changes in prices during the past few seasons we have decided not to affix prices and would respectfully request customers to write us their wants, when we will promptly send full descriptions and current prices.

Asparagus Buncher.
Asparagus Knife.
Asparagus Ties.
Axes.
Bill Hooks.
Border Knife.
Brooms.
Brush Axe.
Caponizing Tools.
Corn Husker.
Corn Break, The Eureka.
Corn Knives, Eureka.
Dibbles, Round.
Floral Tools.
Forks—
Digging or Spading.
Manure Forks.
Manure Forks "Extra Heavy."
Hay Forks.
Potato Digging Forks.
Vegetable Scoop Forks.
Wooden Stable Forks.
Stone Picking Forks.
Hand Weeding or Transplanting.
Fruit Picker.
Garden Lines.
Garden Line Reels.
Glazing Points, Perfection.
Glazing Putty, Twemlow's Old English.
Grafting Wax, Trowbridge's.

Grass Hooks, Common
English Riveted Back.
Adjustable.
Hay Knives.
Hatchets—Axe Pattern.
Hedge Knife.
Hose—"Standard Quality."
Hose Menders, Cooper's.
Hose Nozzle.
Hose Nozzle, Graduating.
Hose Nozzle, Bordeaux.
Hoes—Draw or Field.
Warren Heart-Shaped Hoes.
Acme Weeding and Cultivating Hoe. Double Prong.
Acme Weeding and Cultivating Hoe. Single Prong.
English Scuffle or Push Hoes.
Grub Hoe.
Prong Hoes or Potato Hooks.
Burlap Mats.
Size A.
Size B.
Labels, Wooden.
Labels, Garden.
Labels, Pot.
Labels, Wired.
Lawn Edger, "Planet Jr."

Lawn Mowers—
Ball Bearing.
Lawn Sprinklers.
Water Witch.
Mole Trap, Reddick's.
Picks, Clay or Railroad.
Pick Mattock.
Axe Mattock.
Plant Supports.
Pruners, Water's Tree.
Rakes, Lawn, Wooden.
Automatic Self-Cleaning Lawn Rake.
Reversible Steel Lawn Rake.
Steel Garden Rakes.
Fine-Tooth Gravel Rakes, Steel.
Rakes, Steel "Bow" Garden Rake.
Wooden Hay Rakes.
Raphia, for tying.
Cast-Iron Hand Rollers.
Rubber Plant Sprinklers.
Straightneck.
Angleneck.
Rubber Putty Bulb.
Saws—Pruning, Double-edge.
One-edged Pruning.
California Bow-shaped.
Little Giant Pruning Hook and Saw Combined.

Scythes—Lawn English Riveted Back.
Hollow Clipper Grass Scythes.
Bush Scythe.
Scythe Snaths or Handles.
Scythe Stones. Imported English Talacre.
Shears, Hedge.
Lawn Shears.
Grass Edging or Border Shears.
Shovels.
Square.
Round Point.
Scoop Shovels.
Wire, Potato and Root Scoop.
Boys' Shovels and Boys' Spades.
Spades.
Steel.
Tubs for Palms and Trees.
Tomato Supports.
Tree Scraper.
Trowels—Ordinary.
Solid Steel.
"Slim Jim" Trowel.
Watering Pots.
Wotherspoon's Galvanized Watering Pots.
Weeders.
Weed Cutter.

POULTRY SUPPLIES

We carry a full line of poultry requisites. Cyphers Incubators and Brooders, Chick Food, Bird Seeds, Drinking Fountains, Feeding Troughs, etc. Below is a list of what we carry.

ANIMAL MEAL (BOWKER'S). 10-lb. bag 50c, 25-lb. bag \$1.00, 50-lb. bag \$1.50, 100-lb. bag \$2.50.

BEEF SCRAPS. Pure. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 95c., 50 lbs. \$1.65, 100 lbs. \$2.90.

BIRD GRAVEL. Pkg. 5c.

BIRD MANNA. 15c. each.

BONE. Coarse. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. \$1.50, 100 lbs. \$2.50.

BONE MEAL. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. \$1.50, 100 lbs. \$2.50.

CHARCOAL. Coarse and fine. 10c. per pkg., 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.50.

CANARY. Pure. 10c. per lb., 100 lbs. \$7.00.

CLOVER HAY. Price on application.

CLOVER MEAL. Price on application.

CLOVER SHREDDED. Price on application.

CYPHERS DRY FOOD HOPPERS. 75c. each.

CYPHERS EGG TESTER. 25c. each.

CYPHERS FULL NEST EGG FOOD. Pkg. 25c.

CYPHERS GRIT AND SHELL BOXES. 50c. each.

CYPHERS LIQUID LICE PAINT. 35c., 60c. and \$1.00.

CYPHERS NAPCREOL DISINFECTANT. 50c., 85c. and \$1.50.

CYPHERS POULTRY REMEDIES. Ten different kinds. 25c. each.

CYPHERS PRACTICAL EGG TESTER. \$1.25.

CYPHERS SAFETY BROODER STOVE. \$1.75 each.

DIAMOND MESH POULTRY NETTING. Lowest market prices.

DRY FOOD HOPPERS. 75c. each.

EARTHEN PIGEON NESTS. 8c. each, 75c. per doz.

FLAX SEED (Whole). Lb. 10c., 5 lbs. 35c., 10 lbs. 60c., 25 lbs. \$1.35, 50 lbs. \$2.50, 100 lbs. \$4.50.

FLAX SEED (Ground). Same price as whole flax.

GALVANIZED WALL FOUNTAINS. Cyphers Patent, 50c. and \$1.00. Cyphers Round Patent, 18c., 25c., 35c. Duck size, 50c.

GAPE WORM EXTRACTORS. 25c. each.

GRIT AND SHELL BOXES. 50c. each.

HALLOCK'S FOOD AND WATER PANS. 75c., \$1.00 and \$1.25.

HEMP. Good plump seed. Lb. 10c., 5 lbs. 35c., 10 lbs. 50c., 25 lbs. \$1.10, 50 lbs. \$1.90, 100 lbs. \$3.50.

IDEAL ALUMINUM LEG-BANDS. 15c. per doz., 75c. per 100.

LICE KILLING NEST EGGS. 7c. each, 75c. per doz.

MANN'S BONE CUTTERS. Different sizes, from \$6.00 up to \$100.00.

MANN'S CLOVER CUTTER. Complete, \$10.00.

MICA GRIT. Coarse, medium and fine. 5 lbs. 15c., 10 lbs. 25c., 25 lbs. 35c., 100 lbs. \$1.00.

MILLET. Lb. 10c., 100 lbs. \$5.00.

MIXED BIRD SEED. Lb. 10c., 5 lbs. 40c., 25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$6.00.

NOLL'S EGG FOOD. Pkg. 25c.

NOLL'S LICE POWDER. 25c. and 50c.

NOLL'S LIQUID LICE KILLER. Qt. 35c., 2 qts. 60c., 4 qts. \$1.00.

OYSTER SHELLS. Coarse and fine. 5-lb. pkg. 10c., 25 lbs. 25c., 50 lbs. 45c., 100 lbs. 85c.

PAPER EGG BOXES. 85c. per 100.

PEAS. For pigeons. 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.80, 100 lbs. \$3.50.

PRATT'S LIQUID LICE KILLER. Qt. 35c., ½ gal. 60c., gal. \$1.00.

PRATT'S POULTRY FOOD. 10c., 25c., 60c., \$1.25 and \$2.50.

PORCELAIN NEST EGGS. 25c. per doz.

POULTRY DRINKING FOUNTAINS (Stone). Qt. 25c., 2 qts. 40c., 4 qts. 50c., 2 gal. 75c.

POULTRY KILLING KNIVES. 50c. each.

POULTRY NETTING. All sizes, 2-in. mesh and 1-in. mesh. Price upon application.

RAPE. Lb. 10c., 5 lbs. 40c., 25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$6.00.

RICE. Whole. 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$5.00.

ROOFING MATERIAL. REX FLINTKOTE. ½-ply. \$1.75, 1-ply \$2.25, 2-ply \$3.25. This price for single rolls. Double rolls, double price.

ROUP CURES. Rust's Soluble, 25c. **Conkey's,** 25c., 50c. and \$1.00. **Cyphers,** 25c., 50c. and \$1.00. **Rust's Roup Pills,** 25c., 50c. and \$1.00.

RUST'S EGG PRODUCER. 25c., 50c. and \$1.00.

RUST'S HAVENS CONDITION POWDER. 25c., 50c. and \$1.00.

RUST'S LICE POWDER. 25c., 50c. and \$1.00.

RUST'S LIQUID LICE KILLER. Qt. 35c., ½ gal. 60c., gal. \$1.00.

RUTHERFORD RED ROPE ROOFING. 100 sq. ft. \$1.25, 250 sq. ft. \$2.50, 500 sq. ft. \$5.00.

SPRATT'S CHICK FOOD. Same price as Poultry Food.

SPRATT'S POULTRY FOOD. 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00.

SPRAYERS. Automatic, or Compressed Air Sprayers. Price upon application.

MYERS' BUCKET SPRAY. With Bordeaux nozzle. \$4.50. With ordinary nozzle, \$3.50.

STANDARD SPRAY. Guaranteed for five years. Complete, \$5.50.

TIN SPRAYERS. For disinfecting, 50c. and 75c.

SULPHUR FUMIGATING CANDLES. 15c. each, \$1.00 per doz.

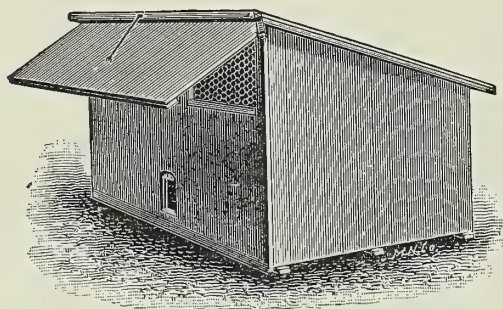
SUNFLOWER. Lb. 10c., 5 lbs. 40c., 25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.50.

THERMOMETERS. For incubators and brooders, 50c. and 60c. each.

WILSON DRY BONE AND SHELL MILL. \$5.00 and \$7.00.

WIRE NESTS. 15c. each, \$1.50 per doz.

POULTRY SUPPLIES—Continued

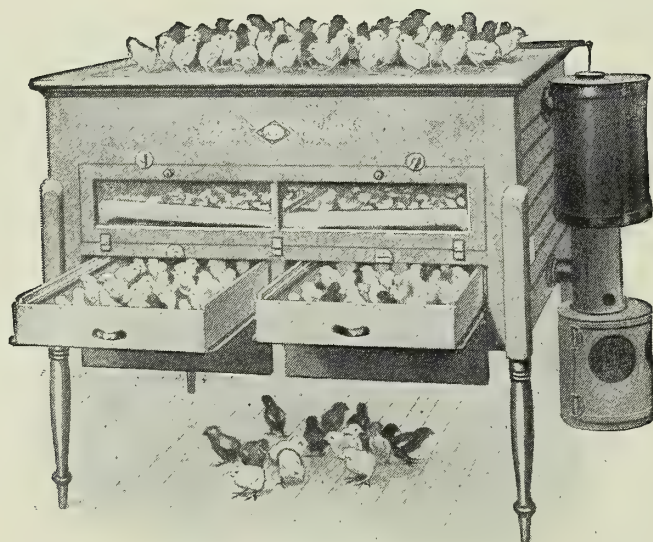


CYPHERS COLONY HOUSE FOR
GROWING CHICKENS

This Colony House, or Roost Coop, will house comfortably fifty chicks, eight to twelve weeks old. The hinged hood keeps out rain and snow and can be used as an awning. The floor is removable. Our price is considerably lower than the cost of building them singly or in small numbers. Dimensions: Floor space, 3x6 ft. Height in front, 36 in. Height at rear, 24 in. Painted in green, with red trimmings.

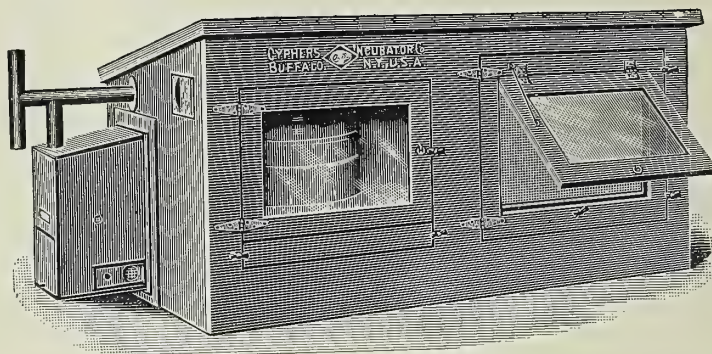
Price, complete\$8 00

CYPHERS INCUBATORS
AND BROODERS



CYPHERS INSURABLE INCUBATORS

The first incubator to be built that is approved by representatives of the National Board of Fire Underwriters. This means that you can run an incubator without any fear of a fire or having to pay extra insurance, or having your policy cancelled. Those who have refrained from this pleasure can rest assured that they may do so without any interference on the part of insurance companies. There are a few things of interest to prospective buyers of incubators and we will be only too glad to give any information desired. The prices of 1909 Cyphers Standard Incubators are: No. 0 \$15.00, No. 1 \$22.00, No. 2 \$32.00, No. 3 \$38.00.



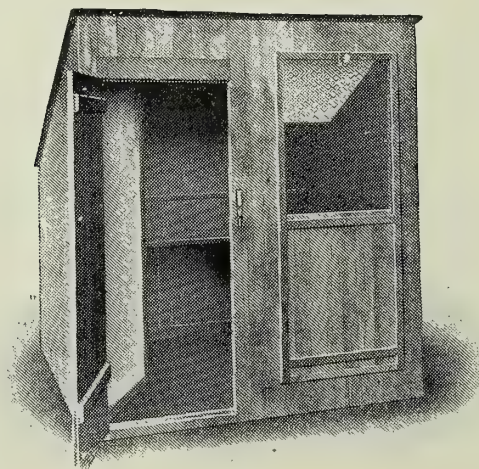
CYPHERS 1909 BROODERS

Comply fully and satisfactorily with the necessary fire protection requirements, same as the 1909 Incubators. This Brooder has to be seen to be convinced of its merits. The prices for 1909 styles are as follows:

Style A 1909 Brooder	\$12.50
Style B 1909 Brooder	16.50
Style C 1909 Brooder	18.50
Style D 1909 Brooder	11.50

CYPHERS NEW MODEL COOP FOR
HEN WITH CHICKS

Price, complete\$3 50



CYPHERS SHED-ROOF CANVAS
LIGHTED HOUSE

This house possesses all the advantages of both closed and curtain-front poultry buildings. Waterproof paraffined sheeting being used instead of glass, all danger of broken windows when moving is eliminated. In addition to ordinary wooden door there is an inside door made of waterproof sheeting. This sheeting freely admits light, but keeps out wind and rain. Dimensions: Floor space, 6x5 ft., 10 in. Height in front, 6 ft., 10 in. Height in rear, 4 ft. Window, 2 ft., 7 in. x 2 ft. Price, complete, F. O. B. factory, Buffalo, N. Y., \$20.00.

"Iron Age" Farm and Garden Implements

As space permits showing only a few of these valuable tools, a complete descriptive "Iron Age" Catalogue will be sent free on request.

The No. 6 "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder

Price Complete, \$12.00. Hill and Drill Seeder only (No. 7) \$9.00. No. 14 Iron Age (No. 6 with side hoes and teeth only). Price \$10.50.

This tool is the most practical and complete combined garden tool—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed,



and the small amount of power required to operate it are important features. In each form, whether a Seed Drill, a Double Wheel Hoe, a Single Wheel Hoe or any of the wheel hoe forms, it is equal to any tool or tools made especially for the one purpose. It places the seeds in drills or hills, 4, 6, 8, 12 or 24 inches apart. For the wheel hoe form, see No. 1 opposite.

No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder

In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are in themselves complete. Changed from one form to another almost instantly. It places the seed in hills or drills.



A landside plow; side hoes, cultivator teeth and rakes are furnished. Price, complete, \$11.00. No. 16 (No. 15 as a seeder only). Price \$8.50.

No. 12 "Iron Age" Wheel Plow and Cultivator

In the accompanying cut we show a tool of exceeding lightness, but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be

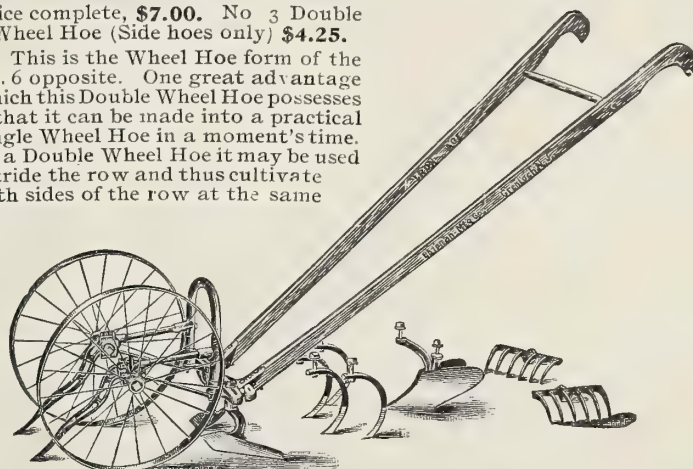


done in a small kitchen garden, plowing, furrowing, covering, hoeing, raking and cultivating. Price, complete, \$3.50.

No. 1 "Iron Age" Double and Single Wheel Hoe

Price complete, \$7.00. No. 3 Double Wheel Hoe (Side hoes only) \$4.25.

This is the Wheel Hoe form of the No. 6 opposite. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moment's time. As a Double Wheel Hoe it may be used astride the row and thus cultivate both sides of the row at the same

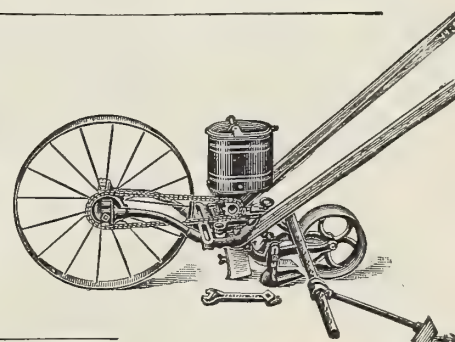


time. The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe coupled with malleable castings, gives great strength, together with lightness. May be quickly changed from a hoe to a cultivator, plow or rake. A Seeder attachment may be applied for sowing in drills only, or sowing both in drills and hills. Price \$4.00 and \$5.00 respectively.

No. 18 "Iron Age" Drill Seeder

places the seed in continuous rows, and is a very low price drill. Price \$7.50.

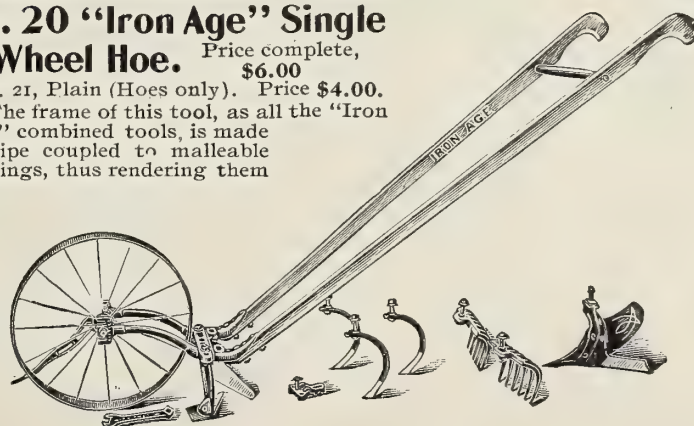
No. 17 (this Seeder with side hoes, cultivator teeth, and side plow and rakes). Price \$10.00.



No. 20 "Iron Age" Single Wheel Hoe.

Price complete, \$6.00. No. 21, Plain (Hoes only). Price \$4.00.

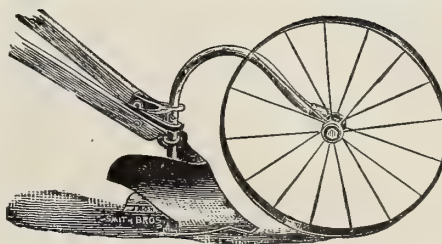
The frame of this tool, as all the "Iron Age" combined tools, is made of pipe coupled to malleable castings, thus rendering them



light and strong. A pair of side hoes, a set of cultivator teeth, a pair of rakes and a landside plow are furnished with this tool. As with a No. 1, a seeder attachment may be added at any time.

No. 11 "Iron Age" Wheel Plow

This is the plow form of No. 12 opposite. It will plow from three to four inches deep and throw a furrow four to six inches wide. Will open or cover the furrows for manure and seed. It is very light and can be easily adjusted in depth. Price, \$2.50.



"Iron Age" Farm and Garden Implements

As space permits showing only a few of these valuable tools, a complete descriptive "Iron Age" Catalogue will be sent free on request.

The No. 9 "Iron Age" Single Wheel Hoe Cultivator, Plow and Rake

Price complete \$5.25

Price No. 10 Plain (Hoes only) \$3.25

For the small kitchen garden we consider the single hoe as being preferable. With the single wheel tool spaces of exceedingly narrow width can be worked, even using but one cultivator tooth. With the large plow attachment deep furrows can be opened or closed; potatoes, celery and other crops hilled—



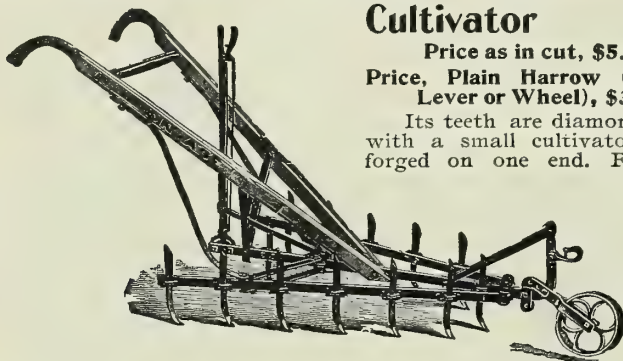
in short, all work usually accomplished by a special plow. It is light and runs easily.

No. 1 "Iron Age" Combined Harrow and Cultivator

Price as in cut, \$5.00

Price, Plain Harrow (without Lever or Wheel), \$3.75

Its teeth are diamond shape, with a small cultivator tooth forged on one end. For very

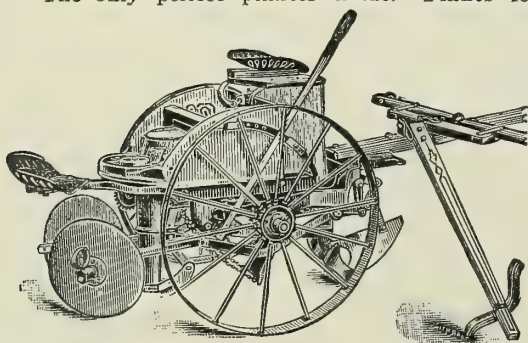


close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil, but at the same time throws very little earth.

The "Iron Age" (Improved Robbins) Potato Planter

Price with Fertilizer Distributor, \$80.00 Without Fertilizer Distributor, \$70.00 Corn, Bean and Pea Attachment, \$5.00

The only perfect planter made. Plants 100 per cent. of the seed correctly. No misses or doubles and does not puncture or injure the seed. Does better work than planting by hand. It marks out the row, opens the furrow; distributes the fertilizer in a broad stream, thoroughly mixed with the soil, below and not in contact with the seed; places the seed at regular distances apart as desired; and covers with a full free covering. Does the work

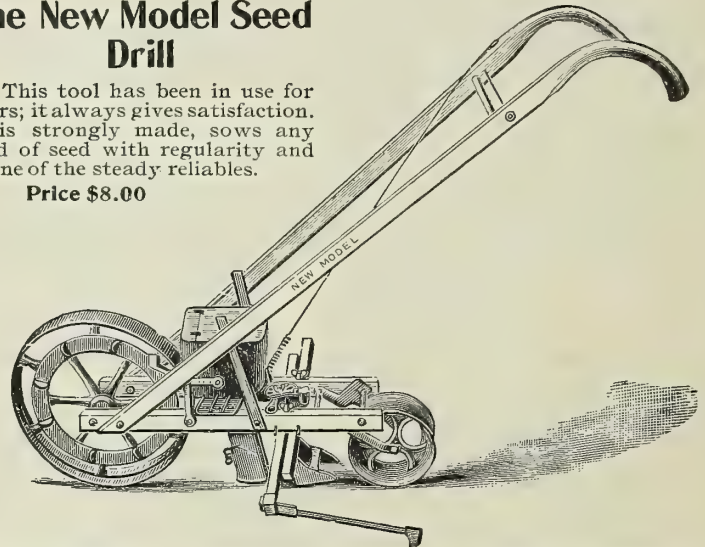


of several men in one operation, planting from 4 to 7 acres per day.

The New Model Seed Drill

This tool has been in use for years; it always gives satisfaction. It is strongly made, sows any kind of seed with regularity and is one of the steady reliables.

Price \$8.00

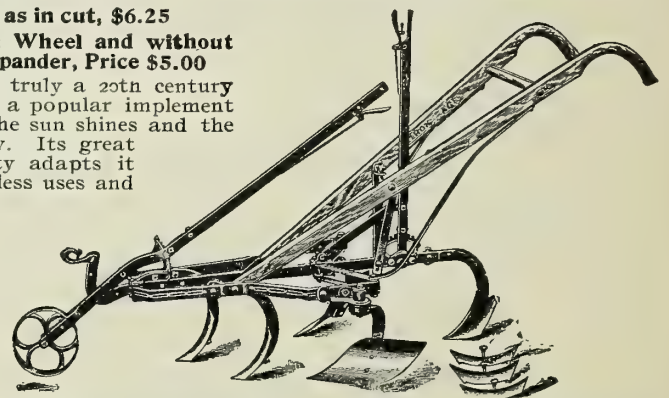


No. 6 "Iron Age" Horse Hoe and Cultivator

Price as in cut, \$6.25

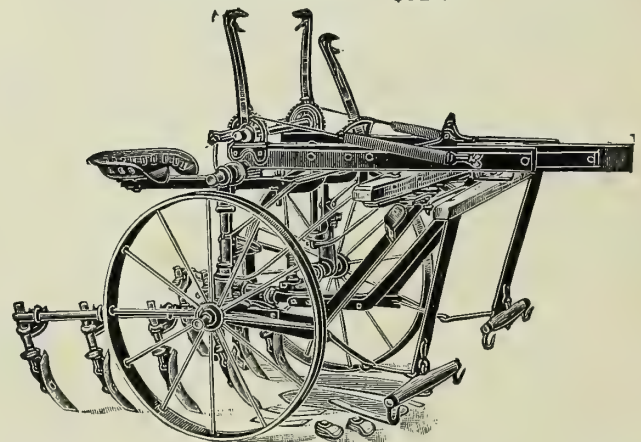
With Plain Wheel and without Lever Expander, Price \$5.00

This is truly a 20th century tool. It is a popular implement wherever the sun shines and the crops grow. Its great adjustability adapts it for numberless uses and conditions.



No. 82 "Iron Age" Pivot Wheel, Riding Cultivator

Price \$32.00



This Riding Cultivator is claimed to be the most up-to-date and satisfactory cultivator made. The wheels are pivoted, the whole weight of the tool resting upon hardened steel balls and the pivots being very close to the center of the wheels it can be very easily guided, rendering it adapted for cultivating on hillsides; or economizing space at the end of rows. The wheels can be easily fixed in position, by simply dropping a pin in the hole, for the working of the cultivator in fallow ground and for drawing it to and from the field. Wheels are made of steel, 32 inches high, with a broad faced tire and are adjustable in width. Various attachments may be applied to this tool; as fallow tooth; Double Row Extensions, Plows. Discs and Spring Hoes.

FARM & GARDEN

Seeds

J. F. Noll & Co.,

115 MULBERRY ST.,

Poultry Supplies.

NEWARK, N. J.



NOLL'S SUPERIOR Grass Seed Mixtures

We Are Headquarters for Grass Seeds

A good, velvety evergreen lawn or grass plot is the richest embellishment that a house or estate could possess. Once seeded with the best grass seed that exists (Noll's Branch Brook Park), it is permanent for years to come, although an occasional reseeding is advisable, as it keeps the lawn in the best condition. The following are a few of our most prominent mixtures or formulas of grass seed, all extensively used, every one highly recommended.

Noll's Permanent Pasture and Hay Grass Mixture. A composition of varieties of grasses best suited to the purpose named. A single seeding lasts for years; may be used as a pasture one season, the next as a hay crop. Sow $2\frac{1}{2}$ bushels per acre on new land (just plowed and harrowed) or $1\frac{1}{2}$ bushels on old lands (those partially covered with grass).

Prices: 20 cents per quart; 4 quarts for 60 cents; 85 cents per peck. per bushel of 20 pounds, \$3.00; 5 bushel lots at \$2.75 per bushel.

Noll's Shaded Lawn Grass Mixture. Difficulty is frequently experienced in establishing a lawn where shade and other trees exist. This has been entirely overcome by the introduction of this fine formula. Those who have used it cannot get along without it for seeding shaded locations. Results are most gratifying. Will never fail if properly sown.

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00.

Noll's Seashore Formula Grass Seed Mixture. The salt atmosphere plays havoc with the seashore lawn, and unless the proper formula of seed is sown, trouble is sure to come. Contains such grasses only as thrive best in salt air regions; no reason why you cannot have as fine a lawn at the summer resort by the sea as at the country residence. Sow 4 bushels to the acre on new ground, or $2\frac{1}{2}$ bushels for reseeding old lawns.

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00.

Noll's Golf Course Grass Seed Mixture. There's no dread of defeat on the fair greens or links where this seed is sown. No obnoxious growth to obstruct the rolling of the ball. A big boon to the lover of the golf course. Sow 5 bushels per acre.

Prices: Per bushel of 15 pounds, \$2.50; 5 bushel lots at \$2.25 per bushel; special prices quoted on larger quantities.

Noll's Branch Brook Park Lawn Grass Seed. Too well known to need description. We have a national reputation on this grass formula. THE BEST LAWN GRASS SEED that exists for general use. Thousands of bushels sold annually; used by all the large estate managers, country clubs, and cemetery superintendents. A trial will convince you of its merits. Sow 4 bushels per acre on new lawn, or $2\frac{1}{2}$ bushels in reseeding old lawns.

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 75 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00; 5 bushel lots at \$4.75 per bushel; special prices quoted on larger quantities.

Noll's Putting Greens Mixture. This is a new mixture of our own; made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear, and positively no obstruction or interruption to the rolling golf ball.

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00; 5 bushel lots at \$3.75 per bushel.

Lawn Tennis Grass Seed Mixture (Noll's). The game can be enjoyed much better when the proper grass is underfoot; growth is short and compact, of rich green verdure. Sow 4 bushels per acre on new lawn, or $2\frac{1}{2}$ bushels on old lawns (partially covered with growth).

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00.

Noll's Terrace or Embankment Grass Seed Mixture. A serious problem that always confronts the gardener after a rain-storm is the replacing of washed-out places in the terraced lawn. By sowing our Embankment Mixture there will be no fear of this. Compounded especially for this purpose, and will stand critical tests. Sow at the rate of 4 bushels per acre.

Prices: 25 cents per quart; 2 quarts for 40 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 20 pounds, \$5.00.

VERY CHOICEST RECLEANED NEW CROP CLOVER AND TIMOTHY SEEDS. LOWEST MARKET PRICES
MIXTURES OF GRASSES TO ORDER OF ANY FORMULA FURNISHED. NO CHARGE FOR MIXING

J. F. NOLL & CO. Grass Seed Specialists
115 Mulberry St., Newark, N. J.

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SEEDSMEN

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